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PENNSYLVANIA DAIRYMEN'S ASSOCIATION

ORGANIZED 1925

REPORT

Eighteenth Annual Meeting

Harrisburg, Pa., January 12 & 13, 1943

DAIRY BARN



PENNSYLVANIA STATE COLLEGE
STATE COLLEGE, PA.

FOREWORD:

The officials of the Pennsylvania Dairymen's Association take this opportunity of expressing our appreciation to all who aided in making our Annual Meeting a success.

Further thanks are extended to the "Five Major Penna. Dairy Breeds Associations", and the "Dairy Marketing Organization" for their help and cooperation during 1942.

V. A. HOUSTON, *Pres.*

CHARLES E. COWAN, *Sec.*

PENNSYLVANIA DAIRYMEN'S ASSOCIATION

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ADDRESS OF PRESIDENT

V. A. HOUSTON

The officers and executive committee of the P.D.A. have felt a grave sense of responsibility to keep our organization intact and active in spite of war time conditions. We have felt that, if there ever was a time when dairymen should be informed on the issues confronting them and should be prepared to present a united front, it is now.

We have tried to reduce the mileage and time consumed in transacting our business to the minimum. Only two meetings of the executive committee have been held during the year. However, the president and secretary have conferred frequently on problems relating to our program. Our vice-president has worked with the secretary in arranging local details for our meetings last night and today. We have attended and taken part in the meetings of the Pennsylvania Council of Farm Organizations. We have recognized the threat to our freedom of thought and action through any tie-up with organized labor. In view of this menace we have become members of both Free Farmers Inc. and the Interstate Council of Farm Organizations.

The Dairy Husbandry Department and Dairy Extension staff of State College have assisted in the preparation of today's program.

Membership and finances continue to be our chief problems as an organization. We believe that the practice of awarding ribbons and certificates is worth while. We hope that the high standard of the annual report may be maintained. However we must face the fact that in view of increasing costs, we must have more members in order to continue these services. In behalf of the new officers who take over today, I urge every one here to enroll the members of your Cow Testing Association, your local breed association, and all other dairymen in your community.

If we are to successfully prosecute this war and write a lasting peace, if we are to preserve the American traditions for which we are fighting, organizations such as ours must be maintained. We must support our president and those in charge of the war effort to the utmost. But we must also preserve our freedom of thought and action. We must not allow our free American agriculture to be pauperized or reduced to peasantry through the substitution of government subsidies for a fair price for our production. We must keep our feet on the ground and avoid being led astray, not only during this period of conflict but also during the equally dangerous reconstruction period. We have a grave obligation to not only win the war but to rehabilitate a ravaged world. May it be said of us as a nation and as a dairy industry "In as much as you did it unto one of these, ye did it unto Me."

So I say in conclusion, let us at home as individuals and as an organization keep faith with our fighting men on land, in the air or at sea. That they who die may not have died in vain and that they who return victorious may find a better land than ever before. And I say with all reverence, let us not neglect to seek divine guidance for our national leaders and in all things that we do.

We met last year shortly after our country was forced into the greatest war of all time. We met during what was one of the most critical periods in our national history. All was confusion and turmoil. Our armed forces were not yet ready to engage the enemy

in battle. Our allies were being defeated on every front. Our industries were not speeded up to full war production. As farmers and dairymen we were being rudely awakened from the nightmare of over production and surpluses to the more painful reality of under production and deficits. We were faced with the seemingly impossible task of increasing production, in spite of the greatest shortage of competent labor our industry had ever know.

Many changes have occurred during the past twelve months. We have settled down to the great grim reality of war. Our armed forces have been expanded into the greatest fighting machine in our national history. We have become reconciled to the inconveniences of regimentation and rationing. Our industries are producing weapons and war material faster than the combined output of our enemies. Our farms and herds have surpassed production goals in spite of great shortage of labor and equipment.

This increased farm and live stock production has been accomplished by the peculiar genius of the American farmer to meet emergencies and overcome obstacles. The women and children of the farm family have taken over the work of the son gone to war and of the hired man gone to the munition plants. We have worked long hours. We have cheerfully given up leisure and recreation. Old machinery has been repaired to last for the duration. Many ingenious ways have been devised of increasing production with present inadequate labor and equipment. American Agriculture has met the challenge with characteristic determination and with a confidence which ensures final victory.

I do not wish to belittle the efforts or achievements of other groups, but any devotion to duty which stops with a forty hour week does not impress me as the highest in American patriotism. As I prepare these remarks, the newspapers report a strike of 20,000 anthracite miners, in spite of a critical shortage of coal in our eastern cities. Many of the great collieries are idle while the miners haggle with their union over fifty cents monthly dues. This is the United Mine Workers, that great benevolent group which would like to absorb our dairy men and farmers.

During the past year, we farmers and dairymen have been the victims of much misleading and harmful publicity. We have been libeled by the public press as profiteers and extortioners. We have been accused by men high in Government circles of responsibility for monetary inflation. The term "parity" as related to farm prices has been much in the headlines without any realization on the part of the general public as to the false impression thus given. While we have resented these abuses and are doing all in our power to have them corrected, there has been no break down in morale or no slow down in production.

PROGRAM

Annual Banquet and Meeting, Pennsylvania Dairymen's Association

Tuesday Evening, January 12, 1943—6 O'clock

BANQUET—

Penn-Harris Hotel, Harrisburg, Pa. (Ballroom)
Guest Speaker—JOHN BRANDT, President, Land O'Lakes Creameries, Minn.; President Nat'l. Co-op. Milk Pro. Fed. Wash.
Awards—D.H.I.A. and Breed Associations.
Entertainment.

BUSINESS AND EDUCATIONAL MEETING—

Wednesday, January 13, 1943—10:00 A.M.

Ballroom, Penn-Harris Hotel, Harrisburg, Pa.

Report of President—V. A. HOUSTON.

Report of Secretary-Treasurer—CHAS. E. COWAN.

Report of Auditors—EARL GROFF.

Address—T. E. WOODWARD, Senior Dairy Husbandman, U.S.D.A.—
"Dairy Farming in War Time."

Address—DR. G. W. HEDLUND, Head, Agric. Econ. Dept. Pa. State College—"The 1943 Pennsylvania Dairy Outlook."

RECESS

Wednesday, January 13, 1943—1:15 P.M.

BUSINESS MEETING

Report of Committees:

Resolutions—H. B. STEELE.

Nominations—R. H. OLMSTEAD.

Election of Officers for 1943.

Address: 1. DR. HARRY C. TRELOGAN, Dairy and Poultry Branch—
Food Distribution Adm., Washington, D. C.

2. J. K. STERN, Vice-Pres., Interstate Farmers' Council.

3. PROF. A. A. BORLAND, Head Dairy Dept., Penn State College—Panel Discussion.

4. LT. COL. WARD B. CLEAVES, COMMANDANT—The farmer and the army.

General Discussion.

Adjournment.

Officers of the Association for the Year 1943

President—V. A. HOUSTON, Northampton, Pa.

Vice-President—SAMUEL WILLIAMS, Middletown, Pa.

Secretary-Treasurer—CHAS. E. COWAN, 32 Parkside Ave., Lancaster, Pa.

Ass't. Secretary-Treasurer—LEE M. POORBAUGH, York, Pa.

EXECUTIVE COMMITTEE

HERBERT SEELEY.....Knoxville

KENZIE BAGSHAW.....Hollidaysburg

JOE CANBY.....Hulmeville

L. W. INGHAM.....Doylestown

JAY G. NELAN.....Claysville

Resolutions as Adopted at the Annual Meeting January 13, 1943

RESOLUTION 1

RESOLVED that we, The Pennsylvania Dairymen's Association, request of the incoming administration of Pennsylvania, adequate appropriations for the control and eradication of Bang's Disease and Bovine Tuberculosis in the interest of Public Health.

FARM LABOR: If Pennsylvania farmers are to do their part in producing the food and fibre of the Government for the armed forces, our allies and our war workers, quick and decisive steps must be taken to stop the flow of farm labor to the more lucrative war industries, return to the farms that skilled farm labor that has been attracted elsewhere and supplement the woefully overworked farm labor with such help that can be recruited from industry and schools. This can be done by an approach through localized direction and through the aid of those who are in close contact with the farmer, the type of labor he needs, the amount he needs and the time when he needs it most.

We heartily recommend Secretary of Agriculture Wickard for his recent action in placing the administration of such aid as the Government may give in the hands of the Agricultural Extension Service of the Commonwealth. We believe, that, with the assistance of the State Department of Education, working through localized committees of school authorities, farm groups and business men, the County Agricultural Extension Agents are in best position to recruit whatever farm labor is available, train it and place it on those farms where it is most needed at the times most necessary and where it will add the most to our food supply. We pledge the support of our farm organizations to the Agricultural Extension Service in this task. We request the Legislature and the Governor to amend Pennsylvania School Laws so as to make available the help of school boys and girls when most needed on the farms.

We would urge our Federal Government to take one more decisive step by declaring farming to be "An Essential War Industry", thereby giving food producers the "Green



Make More Milk Flow From Your Own Land

Eastern States Farmers' Exchange has always urged dairymen to produce just as much feed as possible on their own farms. That includes best possible fertilization and management of pastures, hay fields and seedings for supplemental pasture or hay. Such practice is now more than ever necessary.

Dairymen who have developed a sound roughage program are now better able to maintain production with the present shortage of protein concentrates.

The demand for animal, marine and vegetable protein across the country exceeds the supply. This condition has been especially serious in the northeast which must import protein.

Although the Eastern States mill in Buffalo, N. Y., has for months been producing a tremendous amount of dairy, poul-

try and livestock feeds—about 2400 tons a day and 20 percent more than a year ago) the demand still exceeds this production. As a result this cooperative has been forced to refrain from accepting new feed users and to allocate the large tonnage produced.

Remember though, that Eastern States Farmers' Exchange provides a selective purchasing service on many supplies other than feed, and stocks are adequate in most lines.

Among the commodities in fair supply (at this writing) are: seed for many crops, disinfectants, dairy cleanser, dairy bactericide, motor oil, paints, spray materials, flours and cereals.

There is an Eastern States local representative or service warehouse serving most Pennsylvania communities.

Eastern States Farmers' Exchange

A Farmers Cooperative Purchasing Association

Light" in securing most needed machinery, equipment, fertilizer and man power

FARM PRICES: Pennsylvania farmers along with other farmers in the nation are faced with enormously increased costs of production. The close proximity of Pennsylvania farmers to our war industries which operate on a cost plus basis, has drained off our farm labor at wages far beyond what farmers can pay under present market prices. With mounting feed, fertilizer, transportation, machinery and labor costs, the Pennsylvania farmer finds himself growing progressively poorer until he in many cases has sold his cattle, left his acres lie untilled, his crops unplanted or unharvested and has sought work at good wages in industry. We earnestly urge that those in authority both State and Federal face the reality of a pending food shortage, "unfreeze" the prices of the farmers' products and help him receive an adequate market price for his crops and livestock products, so that he may have a true incentive to produce—an equitable price in the market for his goods, that he may be given equal standing with other war industries.

The Pennsylvania farmer wants no subsidies by whatever name—incentive payment or benefit payment. He believes that such a system is ineffective, bureaucratic, paternalistic, wasteful of manpower and breaks down the morale of the recipient and is a fraud upon the public, which is led to believe that food prices are being frozen, while asked to pay through taxation, subsidies to maintain food production. The farmer wants only an adequate price, the tools and the labor with which to continue his patriotic duty of feeding and clothing the State and Nation.

RESOLUTION 2

EMERGENCY LEGISLATION, NOT EXECUTIVE DECREES: Pennsylvania farmers have noted with alarm the growing tendency, particularly nationally to legislate by executive administrative edict rather than through the duly constituted representative legislative bodies of the State and Nation. Acute problems growing out of the war have given further excuse to those who seek to usurp such authority and opportunity to circumvent the National Congress and to take away from the State many functions that are purely local and constitutionally theirs. We oppose the granting of further emergency war powers to the executive department of the Federal Government and the suspension of existing Laws under the guise of war emergencies and urge that in both State and Federal Government legislation be left to the law makers.

RESOLUTION 3

WHEREAS, the lack of dairy products and other foods is a serious handicap to the successful prosecuting of the war and threatens the health and well being not only of our men in uniform but of the civilian as well,

AND WHEREAS, the only means by which we can hope to supply necessities is by a more liberal supply of labor, material and grain, much of which is used in the manufacturing and distribution of beer and other liquors, which not only impairs the ability of our army, defense and civilian workers but breaks down the morale and degenerates the moral, spiritual and physical man,

THEREFORE BE IT RESOLVED that the Pennsylvania Dairymen's Association on this 13th day of January, 1943 in session in Harrisburg, Pennsylvania, request the abolition of the liquor traffic.

AND FURTHER BE IT RESOLVED that this resolution be given to the press and copies sent to our United States Senators and to the President of the United States.

Pennsylvania Dairymen's Association Financial Statement, 1942

RECEIPTS

| | |
|---|-------------------|
| Balance in Fulton Nat'l Bank, Lancaster Pa. 1 17 42..... | \$ 200.57 |
| Received for 1942 banquet (278 plates — \$1.25)..... | 222.50 |
| Received for 1941 membership (1 — \$1.00)..... | 1.00 |
| Received for 1942 membership (455 — \$1.00)..... | 455.00 |
| Received for 1943 membership (120 — \$1.00)..... | 120.00 |
| Received from Secretary to balance accounts July 9, 1942..... | 275.00 |
| Received for ads in 1941 Year Book..... | 10.00 |
| Received for ads in 1942 Year Book..... | 225.97 |
| TOTAL RECEIPTS..... | \$1,510.04 |

EXPENDITURES

| | |
|---|-------------------|
| Official Bank Checks No. 96 to 125 inclusive..... | |
| Annual meeting expenses..... | \$ 21.07 |
| Annual banquet expenses..... | 268.37 |
| Penna. D.H.I.A. Ribbons and Seals..... | 143.46 |
| Retirement of note of secretary dated 7 15 41..... | 207.00 |
| Printing of 1942 Year Book..... | 512.80 |
| Stationary and postage..... | 79.83 |
| Telephone and telegraph..... | 11.51 |
| Membership dues..... | 30.00 |
| Stenographic Service..... | 17.65 |
| Bank service charges..... | 6.22 |
| TOTAL EXPENDITURES..... | \$1,297.91 |
| Balance in Fulton Nat'l Bank, Lancaster, Pa., 1 9 43..... | \$ 212.13 |
| Unpaid notes favor secretary, July 6-9, 1942..... | \$ 275.00 |

Auditors Statement

We the undersigned auditors have examined the financial records of the Association for 1942 and find same in order and correct.

EARL L. GROFF,
LUKE W. MARTIN,
Auditors.



SAFEMASTER, THE SIRE OF THE DAY

Son of Dunloggin Woodmaster. From a Della Daughter. He is half-brother to the top selling Hosteins of today. Safemaster was Grand Champion at the Penn Farm Show, 1941. As a 2 yr. old and Senior Grand Champion in 1942, as a 3 yr. old. He sired the 1st Prize Jr. Get of 1942 Farm Show. His daughters now freshening are making great udders and testing well. The kind you like.

A Son of this Bull would make you a great Sire.

WE ALSO BREED



DUROC JERSEY SWINE

The outstanding herd of this breed.

Breeding Stock Always for Sale

Write Us — Visitors Welcome!

LAUXMONT FARMS

WRIGHTSVILLE, PA.

OTTO CIVIL, Owner

G. A. BURDICK Mgr.

MERIT AWARDS

PRESENTED AT THE BANQUET OF THE PENNSYLVANIA DAIRYMEN'S ASSOCIATION

January 13, 1943

PENNSYLVANIA FEDERATION OF HOLSTEIN CLUBS:

Certificate to Western Penitentiary, Bellefonte, Penna.

High Registered and Grade D.H.I.A. Herd

Lbs. Milk: 18,052 Lbs. Fat: 627.1

Certificate to Penn Hall, Chambersburg, Penna.

High D. H. I. A. Cow Class B

Airland Beets Korndyke; Lbs. Milk: 26,045; Lbs. Fat: 991.7

Certificate to William Steigerwalt, Lehigh, Penna.

High D.H.I.A. Cow Class C

Pauling Queen; Lbs. Milk: 20,275; Lbs. Fat: 786.9

Certificate to Lewis A. Zimmerman, Lehigh, Penna.

High H.I.R. Herd Class B

Lbs. Milk: 17,927; Lbs. Fat: 435.9

Certificate to Harry L. Griffith, Quarryville, Penna.

High H.I.R. Herd Class C

Lbs. Milk: 13,562; Lbs. Fat: 470.3

Certificate to Pennsylvania State College, State College, Penna.

High A.R. Cow Class A

Penstate Inka Anna Star, 1915870

Lbs. Milk: 21,938; Lbs. Fat: 845.9

Certificate to Lewis A. Zimmerman, Lehigh, Penna.

High H.I.R. Cow Class B

Ormsby Pansy Lady Segis, 1610707

Lbs. Milk: 28,243; Lbs. Fat: 1023.0

Certificate to George M. Hunsberger, Plumsteadville, Penna.

High H.I.R. Cow Class C

Belle Crest Admiral Trixy, 1855561

Lbs. Milk: 17,777; Lbs. Fat: 707.2

Certificate to Lauxmont Farm, Wrightsville, Penna.

High A. R. Cow Class B

Lauxmont Admiral Honor Girl, 1909132

Lbs. Milk: 24,582; Lbs. Fat: 950.6

Certificate to J. A. Bell, Jr., Sewickley, Penna.

High A.R. Cow Class C
Ivy Bower Marigold, 1747163
Lbs. Milk: 16,117; Lbs. Fat: 579.7

PENNSYLVANIA GUERNSEY BREEDERS' ASSOCIATION:

A Silver Platter to Philip W. Smith, New Hope, Penna.
Highest Registered Guernsey Herd in D.H.I.A. (15 cows or over)
Lbs. Milk: 10,344; Lbs. Fat: 518.8

A Silver Platter to D. A. Morrow, Tyrone, Penna.
Highest Registered Guernsey Herd in D.H.I.A. (less than 15 cows)
Lbs. Milk: 10,030; Lbs. Fat: 515.3

A Silver Platter to A. D. Thayer, Gwynned Valley, Penna.
Highest Golden Guernsey Herd in D.H.I.A.
Lbs. Milk: 9,795; Lbs. Fat: 506.6

A Silver Tray to Philip W. Smith, New Hope, Penna.
Highest Registered Guernsey Cow Milked Two Times Daily
Evergreen's Hopeful Rilma; Lbs. Milk: 14,017; Lbs. Fat: 739.5

A Silver Tray to Col. Dorrance Reynolds, Dallas, Penna.
Highest Registered Guernsey Cow Milked Three Times Daily
Goodleigh Mayde Royal; Lbs. Milk: 15,150; Lbs. Fat: 729.7

PENNSYLVANIA JERSEY CATTLE CLUBS:

A Gold Model Cow to M. V. Bennett, Laceyville, Penna.
High Registered Jersey Cow in D.H.I.A.
Bendale Dora; Lbs. Milk: 13,889; Lbs. Fat: 782.9

A Gold Model Cow to C. P. Minner, Sharon, Penna.
High Jersey D.H.I.A. Herd
Lbs. Milk: 9,889; Lbs. Fat: 535.2

PENNSYLVANIA FEDERATION OF HOLSTEIN CLUBS:

Certificate to Penn Hall, Chambersburg, Penna.
High D.H.I.A. Herd Class B
Lbs. Milk: 17,414; Lbs. Fat: 672.5

Certificate to Ellis D. Rearick, Millheim, Penna.
High D.H.I.A. Herd Class C
Lbs. Milk: 15,054; Lbs. Fat: 523.6

CONGRATULATIONS and BEST WISHES

*To the Members of the
Pennsylvania Dairymen's Association*

Congratulations on your continuous and successful efforts in promoting the Pennsylvania dairy industry and thereby directly aiding the war effort.

Best wishes for your continued success.

THE WILSON CABINET COMPANY

*Designers and Manufacturers of Sanitary Milk-Cooling and
Milk-Cooling Equipment for Dairymen*

SMYRNA, DELAWARE

DAIRYMEN!

More milk must be produced now than ever before—this in spite of serious labor and feed shortages.

To meet this problem we urge you to pay special attention to these points.

1. **Cull low producers.** A limited supply of feed and labor will produce more milk if given to fewer high-producing cows.

2. **Feed grain to each cow individually,** according to her level of production and individual needs. Over-feeding, under-feeding or improper feeding all waste feed.

3. **Improve the quality and yield of your pasture and hay this year.** This will reduce the amount of grain needed and the level of protein required in it.

4. **Supply plenty of fresh, clean water.** Milk is 87% water and water is cheap. Don't let this be the limiting factor in your milk production.

For further details on some of these points write for our free copy of the circular "Beacon Herd Check and Feeding Program Based on Wartime Needs".

The Beacon Milling Co., Inc.

CAYUGA, N. Y.

THE 1943 PENNSYLVANIA DAIRY OUTLOOK*

G. W. HEDLUND

Department of Agricultural Economics
The Pennsylvania State College
State College, Pennsylvania

A talk given at the Eighteenth Annual Meeting of the Pennsylvania Dairymen's Association, Penn Harris Hotel, Harrisburg, Pennsylvania, January 13, 1943.

The Pennsylvania dairy industry has operated under war-time conditions for more than a year. It is now possible to summarize the effect of the war to date on the industry and to use this information as a basis for predicting what may happen to it in 1943. One of the prime factors that will affect the industry is the length of the war. I make no predictions in this respect, but for the purposes of this talk I assume that it will extend throughout 1943.

Our national policy previous to December 7, 1941 was one of expanded production of war goods, which in turn stimulated the output of most lines of goods for domestic consumption. With the outbreak of war more than a year ago the policy was changed to one of expanded production of war material and a declining production of goods for domestic consumption. Thus the great automobile industry was converted lock, stock and barrel to the production of war goods. You and I will get along with the automobiles we have or that were in stock when their manufacture was discontinued. Producers of many other consumption goods have converted to war goods. Conversion is still going on, so there will be less production of consumer goods during the remainder of the war than there has been thus far. Coupled with this declining output, the stocks built up before the war are becoming smaller and smaller. Last year at your meeting I said: "So far as the dairy farmer is concerned this change in policy will affect the availability and cost of almost everything he buys but particularly labor, fertilizers and equipment of all kinds. Also it will affect the demands for the products he produces. It may result in some far-reaching changes in marketing." We now know that the availability and cost of labor and equipment have changed materially and constitute major problems of the dairy farmer. There is little doubt in my mind but that so long as the war continues they will become increasingly serious problems. Demands for dairy products have increased beyond what most of us thought possible a year ago. Marketing of farm products has changed somewhat, but I believe more changes are in store for 1943.

Prices of Farm Products

During 1942 we had much price legislation and regulation. The Emergency Price Control Act was approved by President Roosevelt on January 30, 1942. This act authorized the executive branch of the Federal Government to fix maximum prices. With respect to agriculture the act provided that no ceiling or maximum prices could be established or maintained for any agricultural commodity below the highest of any of the following prices:

1. 110 per cent of the parity for such commodity.
2. The market price prevailing on October 1, 1941.
3. The market price prevailing on December 15, 1941.
4. The average price during the period July 1, 1919 to June 30, 1929.

Under authority of this act the Office of Price Administration issued its General Maximum Price Regulation on April 28, 1942. The regulation went into effect in May and provided for maximum prices at wholesale and retail on many commodities. The maximum or ceiling prices were based on the highest prices charged during March 1942. Included in the regulation were the retail prices of milk and cream.

You are all well aware of the bitter struggle in Congress over amendments to the Emergency Price Control Act. Whatever the merits of the different points of view, the struggle ended on October 2, 1942 in the approval of an amendment which changed the lower limits at which ceilings could be placed on prices of some farm products. An executive order of the President was issued October 3, 1942. Among other things the order provided for farm price ceilings at 100 per cent of parity or "so far as practical on the basis of levels which existed on September 15, 1942." The Office of Price Administration immediately issued a temporary regulation limiting maximum prices on additional foods to the highest prices charged between September 28 and October 2, 1942. This regulation included most dairy products not covered in the earlier regulation.

In brief, therefore, most food products, with the exception of many fresh fruits and vegetables, are now under price control and were controlled for varying periods of time in 1942. With this control, what has happened to farm prices?

Average prices paid Pennsylvania farmers for all farm products increased from an index of 140 in December 1941 to 167 in December 1942, or an increase of 19 per cent. For the United States as a whole, average farm prices increased 24 per cent from December 1941 to December 1942. Average farm prices in the United States in December 1942 were at an index of 178 when the years 1910-14=100. Prices paid Pennsylvania dairymen for wholesale milk increased 15 per cent during the twelve months following December 1941. Costs of things farmers buy in the United States, including taxes and interest, increased 8 per cent from December 1941 to December 1942. During the year 1942 prices increased faster than costs of things farmers buy. The latter does not include labor costs.

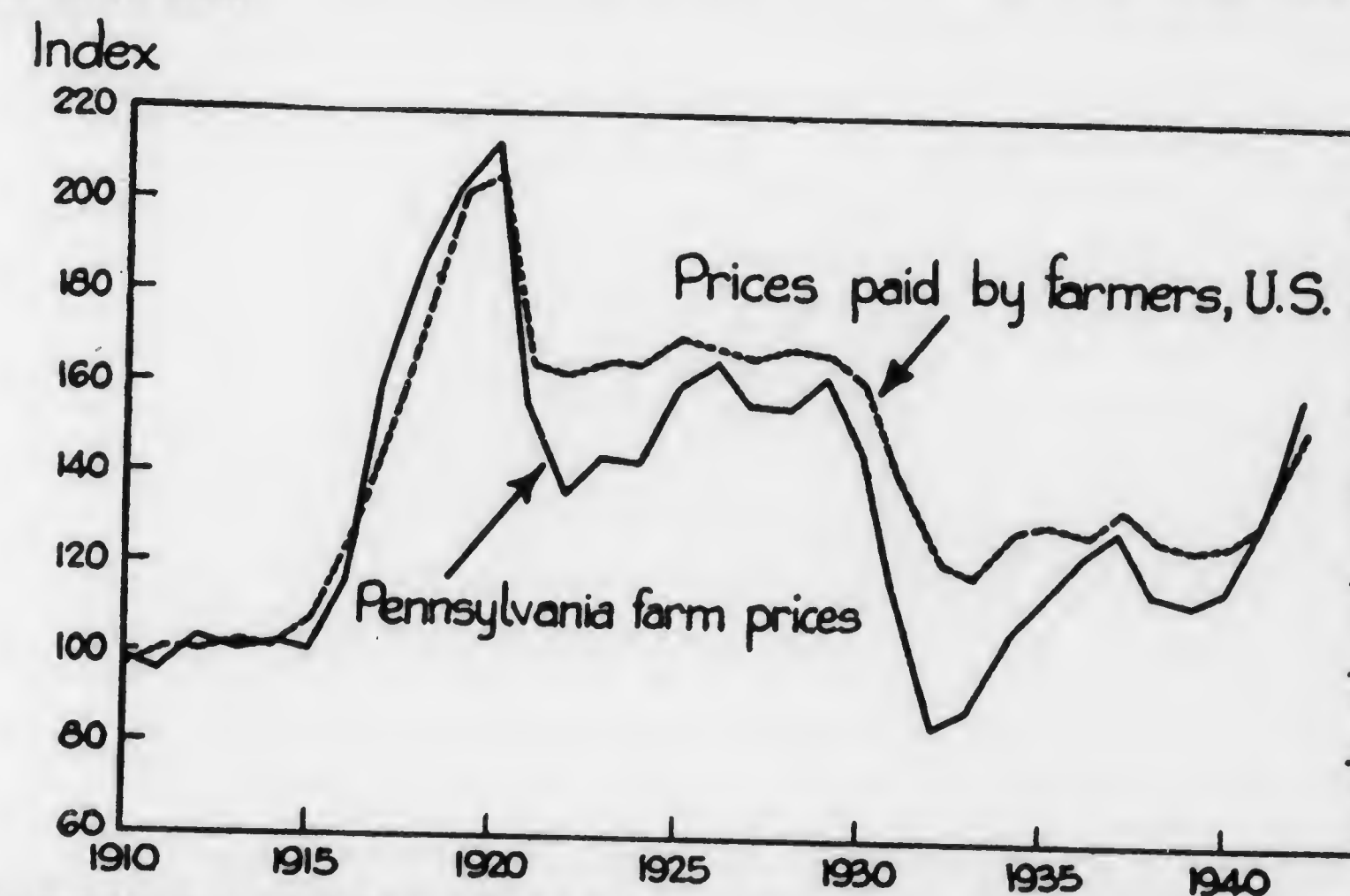


FIGURE 1—Prices of Pennsylvania Farm Products and United States Prices of Articles Farmers Buy, Including Taxes and Interest.
1910-14 = 100

As a result of these price changes during the year, 1942 is the first year since 1920 that the index of prices received by Pennsylvania farmers was higher than the United States index of costs of things farmers buy (Figure 1). There has been much comment on this point. It means that average prices received for the year were above parity for the first time in 22 years. Even if parity were an equitable concept, it would seem logical that prices must be above parity about as much as they are below parity in order that farmers receive prices that average parity. It will take a good many years in which prices paid for their products are higher than costs of things farmers buy to make up for those years between 1920 and 1942 in which prices were below parity.

Prices in Two War Periods Compared

During the first World War prices received by Pennsylvania farmers began to rise noticeably in 1916 and continued upward with more or less regularity until April 1920, when they reached 239 as compared with 100 before the war. When the current war began in 1939 prices of Pennsylvania farm products were somewhat higher than they were in 1914. In December 1917, three years and four months after the earlier war began, Pennsylvania farm prices were at an index of 164. In December 1942, three years and three months after the current war began, Pennsylvania farm prices were at an index of 167 (Figure 2). Prices were somewhat higher when this war began than they were at the beginning of the former war. They have not risen quite so rapidly during this present war. But they are at approximately the same level as they were at a comparable date in the other war.

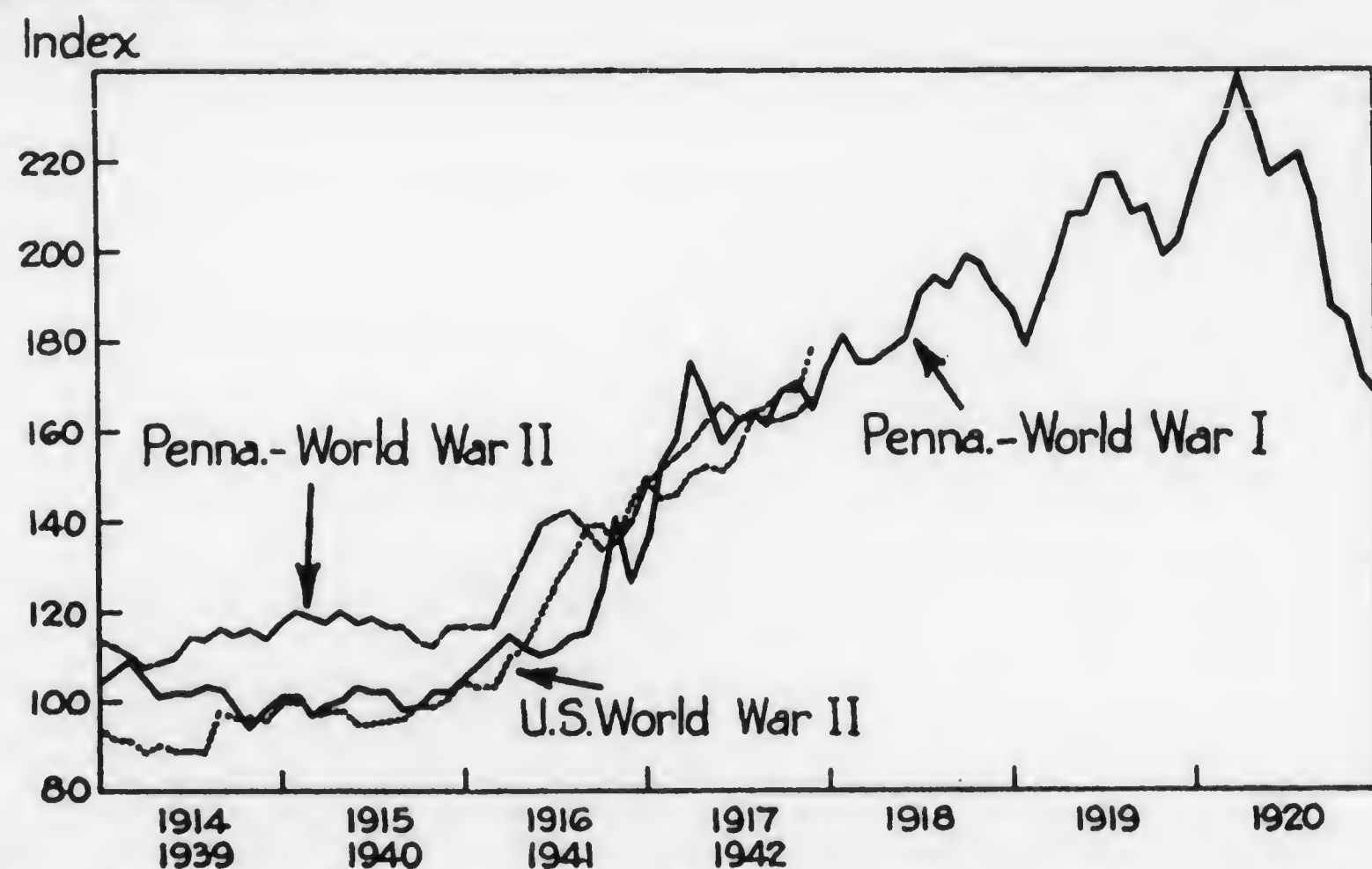


FIGURE 2—Prices of Pennsylvania Farm Products During World War I and Prices of Pennsylvania and U. S. Farm Products During World War II.

1910-14 = 100

Prices in 1943

We know what has happened to prices. What changes are expected in 1943? The exceedingly high rate of industrial activity and the record-breaking payrolls tend toward higher prices. Restricted production in many lines of consumer goods will leave more purchasing power available to bid for those goods that are produced. On the

other hand, taxes are high and will become higher. Thus far there has been little forced purchasing of War Bonds. A plan to force savings for War Bond purchases may be put into effect. In so far as such a plan transfers from individuals to the government funds that would not be transferred otherwise, it will have the same immediate effect as taxation. However, even with these offsetting factors there will be ample purchasing power in relation to the supply of farm products to cause prices to rise. The extent of the rise will depend on price control and rationing.

You have experienced price control for some time. Last year control did not begin on many farm products until May and did not include some others until October. The terms of the law are such that prices below parity are not supposed to be subject to control. The Office of Price Administration has not seen fit to try to regulate prices of certain fruits and vegetables. Since control was not in effect during much of 1942 on many commodities and did not or could not control prices of others, 1942 as a whole is not a year by which one can judge the effectiveness of the control of prices of farm products. As I see it, price control will not prevent farm prices from rising, especially prices of those products for which there is a great need. Therefore I believe farm prices will rise during 1943 but not so much as during 1942 or 1918, the comparable year of World War I.

More Milk Needed

Total milk production in the United States during 1942 was approximately 120 billion pounds, or about 4 per cent more than was produced in 1941. In Pennsylvania the estimated production was slightly over 5 billion pounds, and likewise about 4 per cent more than was produced in 1941. Secretary of Agriculture Wickard has asked for a 2 per cent increase in milk production in the United States and in Pennsylvania during 1943, although the total need for dairy products is expected to exceed this requested production.

The inability to meet current military, lend-lease, and domestic consumer demand, even with record total milk production, resulted in a series of orders issued during recent weeks designed to curtail civilian consumption. On November 3 manufacturers were required to set aside 90 percent of the spray-dried skim milk produced for delivery to specified government agencies. On November 20 the War Production Board froze half of the supply of butter in storage at the 35 principal markets. On November 25 retail sales of whipping or other cream containing more than 19 per cent butterfat prohibited. On December 4 the quantity of milk solids used in the manufacture of ice cream or other frozen desserts during December and January was limited to 60 per cent of that used in October 1942. On January 6, 1943 Secretary Wickard directed manufacturers of creamery butter to set aside 30 per cent of their monthly production for direct war requirements beginning February 1, 1943.

These actions, plus dwindling stocks and the scarcity of some dairy products at retail, indicate the critical supply situation at the moment. Demand will continue strong so long as the war lasts and probably for some time afterwards. It will be great enough to take at good prices all milk that can be produced. The prices that will be forthcoming will depend on ration and price controls.

Numbers of Dairy Cows

The number of milk cows on farms on January 1, 1943 or the average number that will be on farms during 1943 are as yet unknown. There seems to be conflicting evidence as to the available number. Official estimates of the U. S. Department of Agriculture indicate that there will be a small increase in the number of milk cows (Figure 3).

On the other hand, many people believe that more than the usual number of dairymen have sold their herds and are no longer producing milk. The uncertain element is whether or not the cows sold by dairymen were slaughtered or went into the herds of other dairymen. In any event, the change in the number of dairy cows on farms since a year ago is probably not large. Even if there is an increase in the number of cows in Pennsylvania it will not be more than enough to obtain a 2 per cent increase in milk production if production per cow remains the same as in 1942.

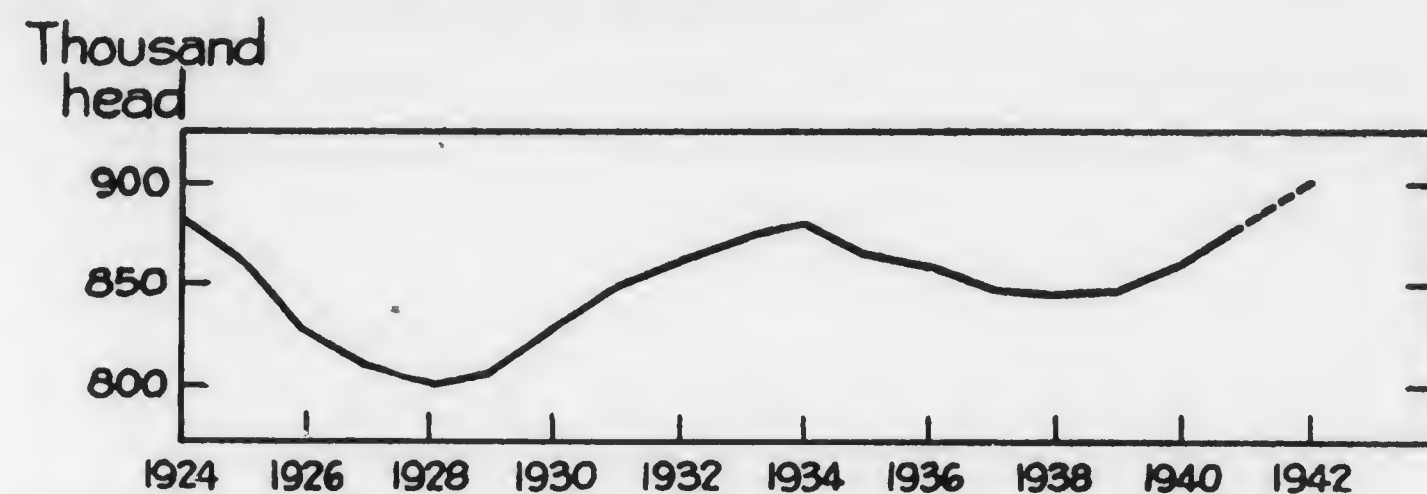


FIGURE 3—Numbers of Dairy Cows in Pennsylvania, 1924-1941.

Production Per Cow

Improved breeding and feeding have produced a long time increase in the average production per cow. During short periods price conditions are a powerful influence in determining average production. Production per cow in Pennsylvania declined rapidly from 1931 to 1933 because it was unprofitable for most dairymen to produce milk. With somewhat improved conditions after 1934, production increased (Figure 4). During the year 1942 production per cow in the United States and in Pennsylvania was the highest on record. In the United States average production per cow was about 1 per cent higher than in 1941. In Pennsylvania production per cow in 1942 averaged about 2 per cent more than in 1941. In Pennsylvania about one-half the increase in total milk production in 1942 over 1941 was obtained by higher production per cow.

Production per cow is difficult to predict. Last year pasture conditions were good, and although we hope for the same conditions in 1943 it is not likely that they will be so. Other factors such as labor and availability of feed and equipment may operate to keep production per cow from rising.

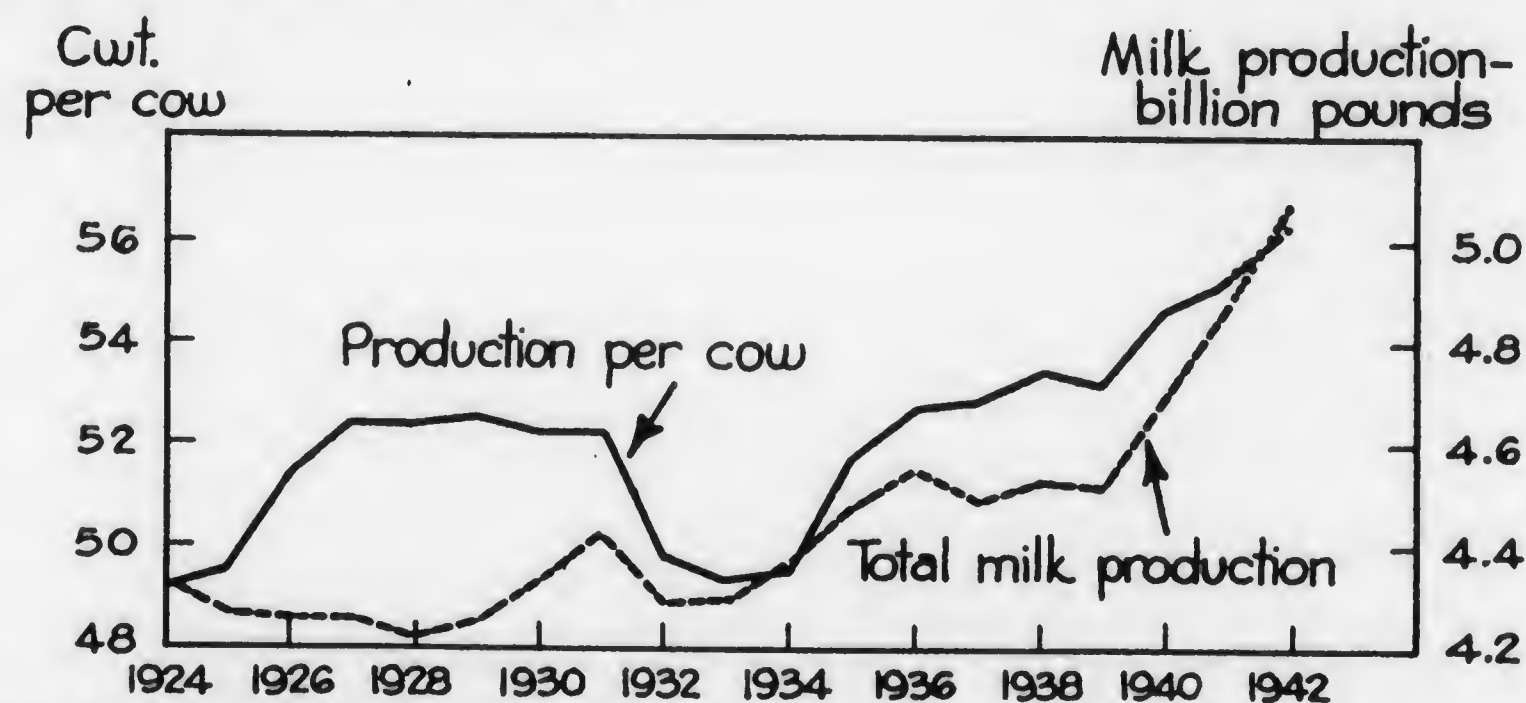


FIGURE 4—Milk Production Per Cow and Total Milk Production in Pennsylvania, 1924-1942.

Prices of Cattle

Prices of dairy cattle have been rising for a number of years. In December 1942 prices of dairy cows in Pennsylvania were at the highest level since December 1929, and were 21 per cent higher than in December 1941. The purchasing power of the prices of dairy and beef cattle tends to fluctuate in cycles (Figure 5). During the last year prices of cattle increased rather rapidly, but because other prices also advanced the purchasing power of cattle increased much less than prices. If purchasing power continues to fluctuate in cycles it will decline during the next few years. Prices may remain at or near present levels during the war, but purchasing power may decline if other prices rise in relation to cattle prices. This occurred during World War I.

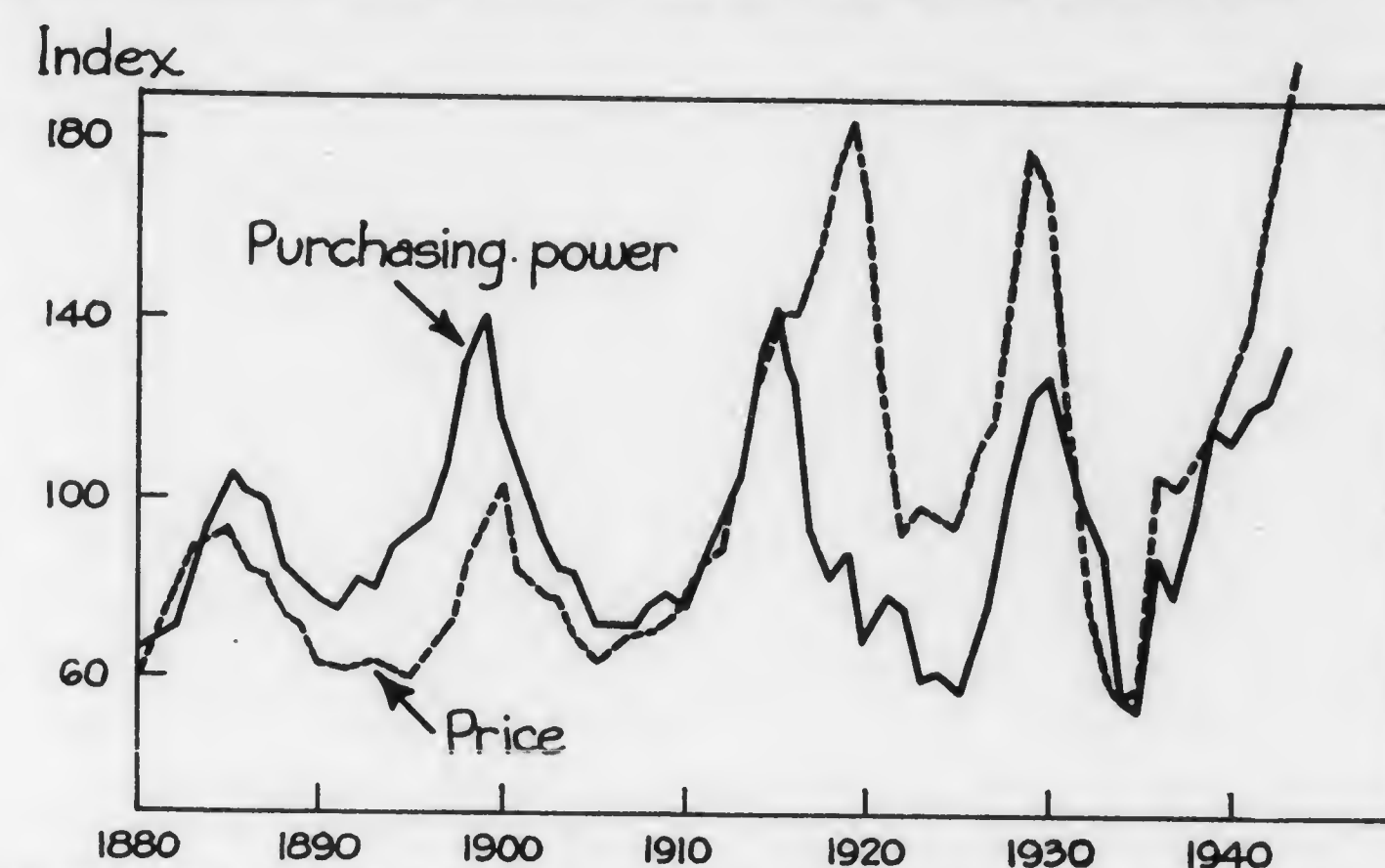


FIGURE 5—Farm Price and Purchasing Power of Beef Cattle in the U. S. 1910-14 = 100

The Feed Situation

For the United States as a whole, the 1942 growing season was very favorable and crop production broke all existing records. Crop yields per acre in the United States in 1942 were 36 per cent above the 1923-32 pre-drought average yields (Figure 6). In the preceding year, 1941, crop yields were 21 per cent higher than the pre-drought average

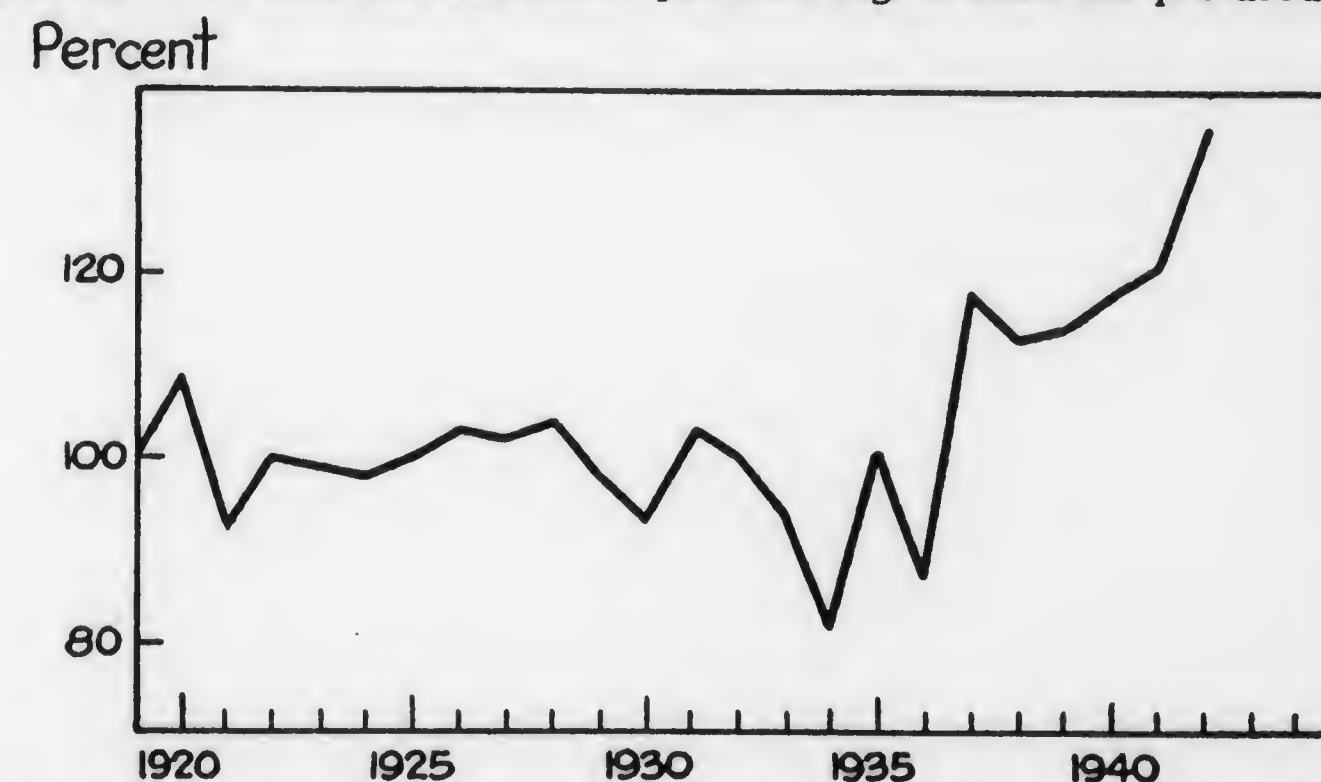


FIGURE 6—Yield per Acre of Crops in the United States, 1919-1942.

and were the next highest on record. These high yields have resulted in large supplies of feed.

Because of record crops in 1942 and a sizeable carryover, the feed grain supply is the largest in history. But the need for feed is unusually high because livestock numbers are very high and are still increasing, and most types of livestock are being fed liberally.

According to the U. S. Department of Agriculture the supply of feed grains per grain-consuming animal unit is about the same as last year's supply, and 17 per cent higher than the 1931-40 average (Figure 7). Even with this large supply, feed grain prices rose during the last year. Liberal feeding of the large numbers of livestock may cause the supply to disappear faster than is now expected. The supply available during the latter part of 1943 will depend largely on growing conditions during the coming crop year.

The protein feed situation is not as favorable as for feed grains, even with relatively large crops of soy beans, peanuts and other crops. Feed manufacturers have experienced difficulty in obtaining supplies and some have been forced to reduce the protein content of some of their formulae or to discontinue some of them entirely. The trouble seems to be one of processing facilities rather than of supply. No matter what the cause, it is resulting in shortages which may continue for some time.

In the light of this situation, with the ever present danger of transportation difficulties, dairy feeds in the East are not likely to get cheaper and may become more expensive. Maintaining an adequate feed inventory on farms should prove to be good business.

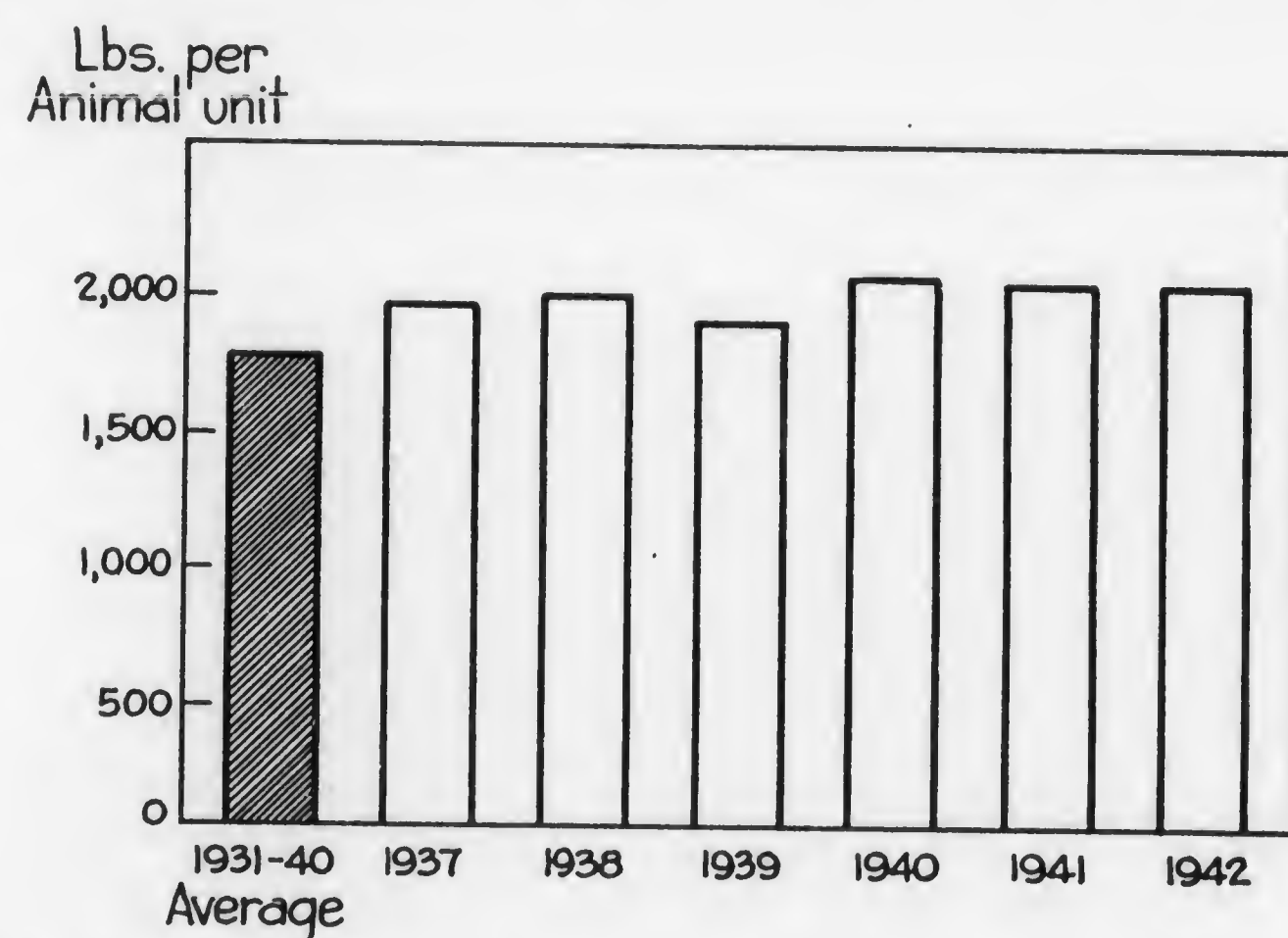


FIGURE 7—Total Feed Grain Supply per Animal Unit in the United States.

Labor

One of the most pressing problems that dairymen faced in 1942 was the shortage of labor. It likely will continue to be the most serious problem in 1943. In Pennsylvania, from October 1941 to October 1942 wages of hired men with board increased 20 per cent and wages without board increased 26 per cent. Inability to get satisfactory labor was even more serious than the cost.

Dr. Keepper of The Pennsylvania State College made a study of the labor situation on 484 Pennsylvania farms in 19 counties, in October 1942. He paid particular attention to the problem of year-around labor rather than seasonal labor. His study shows that the 484 farms lost 199 male year-workers during the two years from October 1940 to September 1942. About one fourth of these men went into the armed services and three fourths to other destinations, particularly industry. About one third of the loss in year-workers was replaced during the two-year period. Most of the remaining deficit in year-labor was offset by an increase in family workers, mainly women and young boys, and by longer working days.

Those farms which lost year-workers in 1941 and did not replace them showed a net reduction of 7 per cent in numbers of cows milked from October 1941 to October 1942. This, in spite of increases in numbers of heifers, hens and sheep kept, resulted in a net decrease in animal units of 3 per cent. Acres of crops on these farms increased 3 per cent. These farms in 1942 were run with 20 per cent less labor than in 1941. Production on these farms dropped relatively less than did the labor supply.

Those farms which lost year-workers in 1942 and did not replace them showed a net reduction of 4 per cent in numbers of cows in October 1942 as compared with October 1941. Crop acres decreased 2 per cent. The reduction in cow numbers was more than offset by increases in other types of livestock, so that total animal units were 5 per cent greater in 1942 than in 1941. It is quite probable that the operators, due to the recency of their labor losses, had not made all the downward revisions in the size of their operations by October 1942 that will be necessary if they cannot hire labor in 1943.

Those farms which lost no year-men during the two-year period or were able to replace year-labor that was lost, increased the number of dairy cows 1 per cent. Total animal units of all livestock on these farms increased 7 per cent in 1942 over 1941. Acres of crops on these farms increased 3 per cent.

Those farmers who lost year-labor in 1942 and were unable to replace it were more pessimistic concerning their 1943 production than were other farmers. A larger proportion of them than of other farmers intended to reduce their volume of agricultural production in 1943 below that of 1942. Of the 484 farm operators surveyed, more indicated intentions of decreasing production in 1943 than indicated intentions of increasing production.

Selective Service and other regulations have been changed to help prevent a further withdrawal of skilled farm workers. These regulations will help to keep part of the present labor force on farms but certainly will not replace those who have gone already. It will take a well coordinated program of all interested groups to find, train and supervise the farm labor needed in Pennsylvania this year. At best, the results will not be wholly satisfactory. Unless such a program gets under way soon and is well done, production of many agricultural commodities, including milk, will be seriously affected.

Milk Prices

From November 1941 to November 1942 prices paid farmers for all farm products in the United States rose 25 per cent. During the same period prices paid United States producers for butterfat rose 30 per cent, prices paid United States farmers for wholesale milk rose 6 per cent, prices paid United States farmers for dairy products of all forms rose an average of 16 per cent, prices paid farmers for milk in the New York City market rose 16 per cent, prices paid in the Philadelphia market rose 19 per cent, and average prices paid Pennsylvania farmers for wholesale milk rose 11 per cent. Since some of the

milk produced in the State is marketed in Philadelphia and some in New York City and is included in determining the 11 per cent rise, it is obvious that prices paid to many farmers in our state rose much less than 11 per cent.

During the year 1942 prices paid for wholesale milk rose less than prices for most other products. Also, prices received by many Pennsylvania dairymen did not increase as much as prices in the Philadelphia or New York City markets. There are several reasons why wholesale milk prices did not rise as much as prices of many other farm products, but why should prices rise more rapidly in some markets than in others?

Prices paid to milk producers in Pennsylvania, except for those shipping to Philadelphia or New York City, are established by the Pennsylvania Milk Control Commission under the authority of a law of the Commonwealth. During this last year the Commission has had a particularly difficult task because of federal price controls and rapidly changing economic conditions, and for other reasons. It is my belief that price changes under a price control setup must be slow. I would expect most control agencies to raise prices more slowly than prices in an uncontrolled market would rise, and to lower them less rapidly than prices would ordinarily decline. This is the nature of control, which involves hearings and much other legal procedure before an order can be issued and become effective.

I believe that the principal long-run effect of milk control is to require all dealers in a given area to pay equal prices for a given class and quality of milk. Of course control agencies can do much to eliminate underpayments and other practices that lower prices to producers. I do not believe our Commission, a federal order, or any other milk control agency can long maintain a price that is far out of line with the price that the market would automatically establish. Believing as I do, I think all prices established in orders should be on a formula basis rather than fixed prices. The various formulae should be so based on quoted prices of dairy products that as economic conditions in general, or conditions within the dairy industry in particular change there will be an automatic change in the appropriate prices paid to producers. Personally, I believe those markets regulated by orders which fixed prices of Class I milk by formula were in much better position to receive prompt upward adjustment in prices this past year than markets regulated by orders containing fixed prices.

Formula pricing can be most easily applied to milk that goes into manufactured products. But in so far as is possible the formulae should be devised so that the resulting prices paid for this milk are on a competitive basis at all times. A formula does little good if it does not promptly change the price of milk in proportion to changes in market conditions. In so far as possible producers should receive competitive prices for all milk going into the lower classes. The simplest way to do this under control is by using adequate formulae.

In the case of Class I milk the formula basis is more difficult to apply accurately, especially in Pennsylvania where the Commission is required to establish resale prices. Here I would suggest that this latter provision be removed from the law. Even if this were not done, would it not be possible to establish resale as well as producer prices on a formula? Every time market conditions called for a change in the price of fluid milk the formula could tie a given change in the price of Class I milk to a change of $\frac{1}{2}$ cent per quart at resale.

I appreciate that my suggestions call for somewhat more complicated orders, but I believe that in the long run they will treat all parties concerned—producers, dealers and

consumers—more equitably than our present system of establishing prices at what seem to be correct levels at the time they are fixed but which often get out of adjustment with conditions in a few months.

The milk control law provides that producers should receive the cost of production plus a profit. This is a particularly difficult requirement to fulfill. Any agency which is expected to return a price equivalent to the cost of production plus a profit has my sincere sympathy. As I have already said, I believe that in the long run a control agency will not be able to get a much higher price than would otherwise be established by the normal functioning of a market. Therefore, I do not believe a control agency can return cost of production, regardless of market conditions.

Professor Barr of The Pennsylvania State College has made several studies of the cost of producing milk in Pennsylvania, and is making further studies at the present time. If we take his published figures on cost of production in 1938, 1939 and 1940 and bring them up to date with prices as they prevailed in November 1942, we arrive at an average cost of production of \$3.09 per hundredweight of milk testing 3.9 per cent. This is the annual cost with prices as they prevailed in November 1942. Of course, the cost of producing milk for the month of November or for any other winter month would be higher than this.

Most cost of production studies show that there are about as many dairymen producing at a cost above average as there are producing at a cost below average. No one has ever explained to me whether producers are to receive the average cost or some other cost. Obviously a price equivalent to the average cost would still leave half of them selling below their costs of production.

Theoretically, dairymen must receive a price sufficient to keep the market properly supplied. I choose to call this a necessary price. In periods of falling prices and depression, dairymen and other business men stay in business even though they are not receiving the cost of production. They choose to do so because they expect better days ahead and because there is little else they can do. In such times open market prices are below average cost of production, and I would expect that prices set by control agencies would be below average cost of production. Under these conditions the price necessary to keep the market supplied is below the average cost of production.

On the other hand, current conditions are much different. Some dairymen can shift to production of other livestock such as hogs, which appear to be more profitable at this time. Others, because of labor and other difficulties, may choose to sell some cows in order to reduce the dairy to a size that the family can care for. Others see good opportunities in defense work or in other positions and therefore sell their herds in order to accept such employment. Still others may believe that current prices make this an opportune time to sell out and retire. These conditions prevail on dairy farms at the same time that there is need for milk far in excess of present ability to produce. The price necessary to prevent dairy cows from being slaughtered and skilled farmers from leaving farms at this time is likely to be considerably in excess of the average cost of production. It may be so high as to return to the least efficient dairymen a price equivalent to their costs of production. The price certainly must be higher than the average costs of production if milk production is to be increased in 1943.

Summary

Prices of most farm products have risen under the stimulus of war. Even with some price control during part of 1942, prices of farm products during the current war

have risen much the same as during World War I. They will probably increase in 1943, but not as much as in 1942 or in 1918, the comparable year in World War I.

The year ahead will be one in which the needs for milk for our armed forces, lend-lease, and domestic consumption will outrun the most optimistic estimates of production. The number of milk cows available may be somewhat larger than the number in 1942. Production per cow has increased and has been high. It is improbable that price relationships, pasture conditions and availability of labor, feed and equipment will be as favorable for high milk production as they were in 1942. Therefore, it will be fortunate if 1942 production per cow can be maintained.

Feed supplies are large, but needs are also large. Liberal feeding of the high numbers of livestock may cause the supply of feedstuffs to disappear faster than expected. The supply available in the latter part of 1943 will depend largely on the coming growing season.

Labor and equipment have been difficult to obtain, and probably will remain so for the duration of the war. Much of the solution of the labor shortage will have to come from local communities.

Milk Prices have moved upward but not as much as prices of many other farm products. The expansion of the use of formula pricing in milk control orders may help to keep prices in line with the price necessary to get production. Pricing milk on a basis of cost of production is a difficult requirement to meet under any circumstances. Under depression conditions prices usually are lower than costs. During present conditions it seems that prices paid farmers for milk must be above average costs of production in order to prevent the slaughter of dairy cows and the migration of skilled farmers and skilled labor from farms.



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DAIRY FARMING IN WARTIME

Address by T. E. Woodward, Bureau of Dairy Industry, Agricultural Research Administration, U. S. Department of Agriculture, at the Annual Meeting of The Pennsylvania Dairy-men's Association, Harrisburg, January 13, 1943.

Dairy farming in wartime is not very different from dairy farming in peacetime. Dairy farmers get more for milk and butterfat but everything they have to buy or hire costs more. The dairy farmer who raises his own feed and does all his own work is probably better off financially in wartime, but the dairy farmer who buys a great deal of feed and hires most of his labor may be just as well off, or better off, in peacetime.

The Government has asked the dairy industry to produce more milk this year than last, to cover both domestic and foreign needs. The goal this year is some 2 percent greater than the amount produced last year, but this goal represents the amount that it seems possible to produce, rather than the much larger amount that could be used advantageously. So far as I know, the Government does not expect dairy farmers to follow uneconomical practices in order to produce more milk. The idea seems to be to produce just as much milk as it will pay to produce. Fortunately the relationships of milk and feed are such that it will pay dairy farmers, as a rule, to maintain or increase production rather than to cut down on production.

With all our figuring on monetary returns, however, we must not lose sight of the fact that the big job is to get more production, by one means or another. And if it should happen that a farmer increases his production by dint of hard work, more painstaking care of his herd or heavier feeding, without adequate financial reward, he will still have the satisfaction of having performed a patriotic service.

In dairy farming there are bottlenecks just the same as there are in other lines of business. Just now there are two or three bottlenecks that interfere with maximum milk production. One is the scarcity of labor. This is serious and I have no remedy to suggest. The methods of producing milk and of raising the feed for the dairy herd are pretty well standardized and it does not appear possible to produce as much or more milk than has been produced in previous years, with less labor. The only practicable way that I know of to save labor in the production of milk is to substitute machinery for men. As you know, limitations have been placed upon the manufacture of all farm equipment and machinery, so it appears to me that dairymen will just have to let some of the less essential jobs go undone and concentrate their available labor on milk production. The shortage of labor will probably mean that the farmstead will not be kept in as good order as in previous years, the weeds will not be mowed, hedges will not be trimmed, the barn will not be painted, the fences will not be kept in the same good repair, and so on.

Another bottleneck is the scarcity of high-protein feeds. It appeared a few months ago that there would be plenty of high-protein feeds for all livestock. Now it develops that there is a critical shortage. Since there appears to be no way to increase the present available supply of high-protein feeds, the only alternative is to make them go as far as possible. I would suggest that dairy farmers discontinue using a feed containing as much as 24 percent of protein. When dairy cows were being fed very small amounts of grain along with low-protein roughage 24 percent of protein in the grain mixture was no excessive. But now when they are being fed much heavier it is a waste of protein to use a 24 percent mixture. It is my opinion that no one at present should use a mixture containing more than 18 percent protein and if legume hays or legume silages make up part or all of the roughage the percentage of protein in the grain ration can be cut to 16

or even 12 percent without lowering the production of milk. Experiments at the Ohio and Cornell Experiment Stations show that the quantity of protein can be reduced without materially affecting the quantity of milk produced. Besides it will be only a few months until the pasture season begins, when there will again be plenty of protein for the cows. In view of the uncertainty that there will be enough high-protein feeds next winter it would be well for dairy farmers to plan now to produce plenty of legume hay this summer, say 1½ tons for each milking cow. With this quantity of hay, or its equivalent in legume silage on hand he would not need to worry over inability to buy soybean or cottonseed meal.

A year ago some of us got together and outlined 11 ways to step up milk production. The suggestions in that outline are the basis of my talk this morning. The first of these suggestions is to feed more grain. In the past year and at present the farmers have done and are doing just that. According to our information farmers are feeding their dairy cows heavier than they have ever done before. My suggestion now is to keep up the liberal feeding of grain. It appears that the average dairy cow is being fed about all the grain that it will pay to feed her, but no doubt there are farmers here and there who can profitably feed more than they are now feeding.

Last year our Department, in cooperation with 10 State Experiment Stations, among them your own experiment station, completed the biggest controlled feeding experiment with dairy cows ever conducted in the United States, if not in the world. The object was to find out how heavy it pays to feed dairy cows, at varying prices for the feed and product. I am not going into this in detail because the results I have are a composite of the results from all 10 stations. The results that Professor Borland has from your own station are likely to be more applicable to your conditions than the results that I would give you, so if he should tell you something different from what I do, take his suggestions in preference to mine.

I think the most important thing we found out is how cows respond in milk production to an increase in feed. For example, we found that when a certain amount of grain was added to the ration of the cows that were being rather scantily fed, milk production increased about 1½ pounds for each 1 pound of added grain; but as we increased the quantity of grain, the increase in milk production per unit of added grain became less and less as the feeding of grain was pushed to higher levels. By knowing how much milk is produced by the added grain it is possible for us to estimate rather closely how heavy it pays to feed. Now to put this information in terms that can be applied by the dairy farmer, we must take into consideration the kind and quantity of roughage consumed as well as the cost of the feed and the value of the product.

If you are feeding all the good roughage the cows can eat (and by good roughage I mean well-cured hay, preferably alfalfa, and good, well-earned corn silage) and the price of 100 pounds of grain does not exceed 60 percent of what you are getting for 100 pounds of 4% milk, you can profitably feed as much as 1 pound of grain to each 2½ pounds of milk produced. If the price of 100 pounds of grain does not exceed 75 percent of what you are getting for 100 pounds of 4% milk, you can profitably feed as much as 1 pound of grain for each 3 pounds of milk produced. The Hay Inspection Office in Washington tells us that the hay produced over the eastern part of the United States this year is much poorer in quality than usual, because of the rains at the time of harvesting the hay. It is doubtful, therefore, if many of you have the high quality of roughage I just mentioned. In that case you can feed as much as 1 pound of grain to 2½ pounds of milk so long as the price of 100 pounds of grain does not exceed 85 percent of the value of 100 pounds of 4% milk.

The next one of the 11 ways we suggested for increasing milk production was to feed more heavily in summer and fall. We suggested this because a survey of dairy-herd-improvement-association records in 12 states showed conclusively that the greatest slump in milk production occurs in summer and fall. In all of the States, except those in the far West, or the Rocky Mountain region, milk production follows a somewhat general pattern. In making this study we arranged the records in a way to eliminate the influence of the stage of lactation. The results then were considered due entirely to the influence of season. Starting with the month of January, milk production gradually but slowly increased until the pasture season, when it rose markedly. But instead of continuing at this high level while the cows were on grass, production declined very soon. The decline was almost as rapid as the increase that occurred when the cows were first put on pasture. Moreover, the decline did not stop when the pastures improved in the fall, but it continued slowly until the low point was reached, on the average, in the month of November. Then production gradually started to increase again. To our way of thinking this shows that the most trying period in the year for dairy cows is the summer and fall. It has been our personal experience that our own cows almost invariably lose weight and decrease in production during that period.

The next question is what is the cause of this decline and how can it be remedied? Weather has something to do with it. We know this because we compared the production from dairy-herd-improvement-association cows in these 12 States with the production of cows that were subjected to similar weather conditions but that were fed the same in the summer as in the winter. That is to say, they did not receive any pasturage. These cows showed a decline in milk production as the summer heat increased. They reached a low point in July, when the weather was hottest, rather than later on in the year. The decline was very much less than for cows that were run on pasture. We interpreted these results to mean that the main reason for the summer slump in milk production is a shortage of feed.

The remedy, of course, is to give the cows more feed. This can be done by heavy feeding of grain, but it can be done more cheaply by providing more pasturage or by feeding roughage such as hay or silage. When Professor Borland wrote to me about appearing on your program he suggested that I say something about pastures and grass silage. Much of the experimental work with pastures appears to have only a local application, so I will not say very much about pastures because the results we have obtained at Beltsville may not apply to conditions generally over your State.

Permanent pastures of bluegrass and clover, we know, cannot be depended upon to provide enough feed in the summer and fall so if oats are planted for supplemental grazing they should be sown in time to be ready to pasture when the bluegrass begins to lose its value. The oats could be followed with another pasture of Sudan grass. Temporary pasture crops are expensive to raise because of the plowing and seeding that must be done every year. Perhaps your extension agronomist, or your county agent would have more practicable plans to suggest. It is just possible that you could pasture the growth that comes on after hay is harvested from fields of timothy, Ladino clover, or alfalfa and in this way provide the cows with as much pasturage as they need. The best of schemes, however, are likely to prove inadequate in case of a protracted dry spell. In that case you must resort to barn feeding, and one of the good feeds to use is grass silage.

There is no magic in the making of grass silage. If the proper methods are used the silage will be uniformly good. A dairy farmer is not taking any chance when he puts the hay crop in the silo if he goes about it in the right way. We look upon grass silage as

being a substitute for hay rather than for corn silage. The composition is about the same as good hay except for the content of water, and the nutritive value of grass silage is approximately equivalent to the best field-cured hay that could be made from the same crop, when the comparison is made on the basis of dry matter content. For example, if you are able to make alfalfa hay quickly and without any weather damage and this hay has a dry matter content of 90 percent, you can consider the nutritive value of the hay to be three times as much as that of silage made from the same crop, when the silage has a dry matter content of 30 percent.

It takes more labor to make a hay crop into silage than it does to make it into hay and if the farmer were certain of making good hay every time there would be little or no object in converting a hay crop into silage. But in the humid regions of the United States, farmers seldom have suitable hay curing weather early in the summer when the first cutting of alfalfa and red clover is ready to be made, nor can they count on suitable curing weather in the fall when the soybeans are ready to harvest. A very satisfactory alternative is to put these crops into the silo and feed them out in the place of hay. If the silo is filled with grass silage in the early part of the season, the silage can be fed out during the summer. This will leave the silo empty and ready to be filled with corn in the fall. The silo is thus made to do double duty.

The principal reason for failure to make good silage from hay crops in the past has been the practice of putting the crops in the silo when they have too much moisture. High-moisture content is detrimental in a number of ways. In the first place, crops with high-moisture content will leak juice from the silo. The juice makes a nuisance around the yards. There is some loss of nutrients in the juice although the loss is not excessive. For example, last fall we filled a silo with high-moisture soybeans. The leakage of juice from this silo was collected and it amounted to 8 percent of the total weight of the drop put in the silo. In spite of this heavy leakage the loss of protein which by the way, amounted to about 26 percent of the solids in the juice, represented, on the basis of the cost of proteins in the high-protein feeds, about 20 cents per ton of the green crop put in the silo.

You have heard a lot about the excessive pressure exerted by grass silage on the silo walls and the danger that hoops near the bottom of the silo may burst. Now while it is true that grass silage exerts more pressure than corn silage with the same moisture content, the principal reason for the high pressure of grass silage is not so much the grass silage as it is the free juice in the silo. In other words, the high-moisture silage exerts a pressure which would be much the same as if the silo were partially filled with water. The silage juice is very damaging. Wherever it travels it leaves a path of destruction, whether it travels in the mortar joints of masonry silos, over the concrete work, or over the steel hoops. Probably no masonry, metal, or concrete silo can withstand, over a period of years, a yearly filling with high-moisture crops that leak badly from the silo. This, as we see it, is a very serious objection to using high-moisture crops but there is still another. The quality of the silage is impaired in every respect, except the content of carotene, which is useful in making milk and butter with a higher color and vitamin A content. A great number of tests have shown conclusively that silage made of crops that are dry enough so that no leakage will take place from the silo are superior in palatability to silages made from higher moisture crops.

The next question is how can one tell whether crops are dry enough so that leakage of juice will not occur. With a little practice farmers can judge the moisture content of the crop satisfactorily. They can soon learn when it has wilted to the proper point.

Ordinarily on a good drying day one or two hours will be enough. Our results show that the dividing line between leakage and non-leakage and bad odors and good odors is about 68 percent of moisture. The idea then is to reduce the moisture content from say 75 percent or more, which is about what the green crop would contain, to 68 percent or a little less. In order that farmers may be able to have something to go by until they can learn to judge the moisture content satisfactorily merely by observation, we have prepared a device which works on the principle that the pressure required to press juice from a crop is inversely proportional to the quantity of moisture in the crop. This device is merely a 2 inch piece of pipe with holes drilled in the lower part, with a wooden plunger to which pressure is applied. If as much as 1 drop is squeezed out of the crop through any one of the holes in the pipe, then the crop has a moisture content in excess of about 68 percent and you can expect leakage of juice from the silo. Directions for constructing and using this device can be obtained by writing to the Bureau of Dairy Industry, U. S. Department of Agriculture, Washington, D. C. So far the directions for using the device have been prepared only for the legumes, as alfalfa, clover, and soybeans, but before next spring we expect to be able to put out directions that will apply to crops other than the legumes.

As a matter of fact the moisture content is more important with legumes than with the true grasses and cereals. Oats, barley and rye, timothy, orchard grass and red top can be put in the silo much as you would put in corn. And you can be reasonably assured that if the free juices have a chance to drain away rather readily the silage will be of good quality. The other objections to the leakage of juice, however, would be the same as they are with the use of legumes. In the case of legumes the high-moisture silage is very likely to have a bad odor and to undergo fermentations that reduce its palatability and its feeding value. In order to make good silage from such crop it is essential to add some sort of preservative or to reduce the moisture content to a point where there will be no free juice in the silo. The preservatives used in the past are now either unavailable or are very expensive. There is still the possibility of using ground corn, or ground corn and cob meal, or salt. The use of say 200 pounds of ground corn is effective, and it seems to be effective principally because it soaks up the excess moisture rather than because it may increase the acidity as molasses does. The salt in amounts of 15 to 20 pounds per ton of green material improves the odor and character of fermentation with the high-moisture legumes. But none of these preservatives, and this applies also to phosphoric acid and molasses, improves the quality of silage any more than merely reducing the moisture content before the crop is put into the silo.

Now some of you may wonder what would happen if the moisture is reduced too much. The lower the moisture content is the more likelihood there is for mold to develop, because of the failure of drier material to pack properly. By chopping the crop fine and protecting the top silage with the heaviest green material we can find, we can make good silage even when the moisture content is as low as 35 percent. This moisture content is about as low as we could have and avoid the loss of alfalfa leaves in handling. We do not advise anyone to make silage with as little moisture as 35 percent, however, because of the danger of mold developing and also because the lower the moisture content is the faster the silage must be fed out to prevent heating and spoiling. It is our recommendation, therefore, that the moisture content be reduced only as much as is necessary to avoid the leakage of juice from the silo. Complete directions for making silage from the different hay crops are available from the Bureau of Dairy Industry, U. S. Department of Agriculture, if any of you choose to write for them, or your extension agronomist, Mr. Dickey, can give you the information on putting up grass silage.

Another one of the 11 points suggested a year ago for increasing production was to milk often. This advice was more applicable at that time than it is now, since the shortage of labor has developed. However, there are no doubt farmers here and there, especially those who milk with machine, who can, during the winter, milk the cows three times a day instead of only twice. There is perhaps no surer or quicker way of increasing milk production than by milking more frequently. One can reasonably count on an increased production of 10 percent by milking cows three times a day instead of twice a day for a period of 40 days. The longer the period of extra milking the greater will be the percentage increase. By continuing for a while lactation period one can expect that the production will be 20 percent greater by milking three times a day than by milking twice. For cows to be able to produce 20 percent more milk the allowance of grain would, of course, have to be increased in proportion to the increase in milk production.

Another point in increasing milk production is to allow each cow a dry period of about 8 weeks. The records of the cows that we used in establishing the optimum dry period averaged around 350 pounds of butterfat in 305 days. It would seem that poorer producing cows would not need as long a dry period as 8 weeks. The records with which we worked showed that if cows were milked right up to calving time the production of milk in the subsequent lactation was reduced by as much as 15 percent. If they were turned dry more than 8 weeks before calving, more milk would be lost in the current lactation than would be gained in the subsequent lactation. For cows capable of producing 350 pounds in 305 days and calving every year it appeared that 8 weeks was the optimum length of dry period.

The points I have discussed so far appeared to us to be the principal ones in the production of more milk. Certain other practices that are of minor importance by themselves may, when taken together, be of considerable consequence. For example, having the cows calve every 12 months will, year in and year out, result in the production of more milk than having them calve less frequently. It is well known too that having the cows in good condition at calving time will result in considerably more milk after calving than if the cows are thin at the time of calving.

Cows should be handled gently at all times. One can go into a dairy where the cows are being handled roughly, driven rapidly to and from pasture, rushed in and out of the barn, and without looking at the milk weights, he can safely predict that the herd is failing to produce satisfactory quantities of milk. Rough handling and high production simply do not go together.

To get the highest production it is, of course, necessary to keep the cows comfortable. Expensive barns are not required. The essential practices in proper housing are to keep the cows dry, to protect them from cold winds, and to provide ample bedding. It seems to be almost as important to make arrangements to keep cows cool in the summer as to keep them warm in the winter. An abundance of water is one of the essentials. Water cups have been found to increase production as much as 2 or 3 percent over water cows at a tank twice a day. Cows should be watered after they have had a chance to eat dry feed and, in the winter time, preferably with water from which the chill has been removed.

The number of cows has more to do with the quantity of production than any other one factor. If our Government is going to succeed in getting as much milk as will be needed for all wartime outlets, dairy farmers will have to keep more milking cows. Cows that under ordinary conditions might not produce enough to pay for their keep will under present conditions produce a profit. Less rigid culling is therefore in order at present. Furthermore, the numbers of milking cows may be increased faster by keeping the heifers growing rapidly, so they can be bred to calve at a younger age.

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Member Pennsylvania Federation
of Holstein-Friesian Clubs

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THE DAIRY INDUSTRY HAS GONE TO WAR

Speech given by Dr. Harry C. Trelogan, Dairy and Poultry
Branch, Food Distribution Administration.

Dr. Stitts sincerely regrets his inability to be with you at this meeting which he had looked forward to attending with a great deal of pleasure. The recent reorganization within the Federal Government to coordinate the Nation's food program has placed major responsibility in the Department of Agriculture. As you may have read in the press, the Department's food program is being reorganized into two principal divisions: the Food Production Administration and the Food Distribution Administration. The Dairy and Poultry Branch of the Agricultural Marketing Administration of which Dr. Stitts is Chief is being incorporated in the Food Distribution Administration. No doubt you can visualize the numerous important tasks that are confronting him at the moment in his efforts to coordinate the work of the dairy industry with a comprehensive National Food Program.

Dr. Stitts' new responsibilities are indicative of the fact that the dairy industry has gone to war. You know this from the problems confronting you in your own business. The marked changes that have occurred are apparent in your daily operations. They are even more apparent and impressive when you observe the tremendous adjustments that have occurred in the industry as a whole.

During the past 2 years we achieved a 10 percent increase in the production of milk. An expansion in the aggregate production of dairy products naturally followed. Of greater significance, however, is the marked alteration in the relative importance of the different dairy products as outlets for the total milk supply. Every war in the past has seen an expansion in the production of concentrated milk products. This war is no exception. Dried whole milk production, which has held a minor place in the scheme of dairy products for many years, expanded from 21 million pounds in the five year period 1936-1940 to 65 million pounds in 1942. Dried skim milk production likewise increased from 412 pounds in 1936-40 to 620 million pounds in 1942. Accompanying the increase in powdered skim milk production has been a marked shift from animal feeding to human consumption. In the period 1936-40 some 140 million pounds or 35 percent of dried skim milk was fed to animals, whereas only 50 million pounds or 8 percent was used for animal feeding in 1942. Condensed milks have also assumed greater importance particularly in the utilization of skim milk. Part of this expansion of products most urgently needed for the war represents the capture for human consumption of milk ingredients not fully utilized heretofore. It has been accomplished at the

same time as the domestic use of fluid milk and cream was increasing by nearly 3.5 billion pounds in terms of milk and milk equivalents. The expansion of fluid milk consumption has reached the point where it is having a significant effect upon the amount of milk available for manufactured products. For 1942 as a whole, however, butter was the only dairy product that showed a decline in production.

These few data show that the dairy industry has gone far toward war-time adjustments but we have much further to go toward fully meeting our war requirements. The reserves available to cushion the shock of war adjustments during the past year have largely disappeared. We now face the reality of having to make daily operations carry the war job on a current basis.

Let me illustrate. In January 1942 we had 114 million pounds of butter in storage at the beginning of the year, which together with current production was enough to supply all prospective civilian, military and lend-lease requirements, and still have a sizeable carryover at the end of the storage season. Today our stocks of butter are at the lowest ebb on record for this time of the year. Gone is the reserve for contingencies.

Gone is the customary reserve for normal civilian consumption. Gone is the possibility for delaying necessary adjustments in butter distribution. We must now be prepared to supply our war needs out of current production. This same situation either now prevails, or soon will, with respect to every other dairy product.

One way to approach the problem is to increase milk production. The milk production goal for 1943 has been set at 122 billion pounds. This small increase of some 2 percent over 1942 production was established with full recognition that it is not all the milk the United States and the other United Nations are going to need to win this war. That figure was named as a goal for the dairy industry to shoot at and is considered about the highest production we could possibly attain with present and prospective manpower and cow numbers.

Actually we need a great deal more milk. Civilians in this country with their present purchasing power, prevailing ceiling prices, and relative shortages of some other foods such as coffee and meat, would alone consume more than 122 billion pounds if their demands were not limited. Military and Allied requirements call for at least 18 billion pounds of milk and milk equivalents this year as compared with 7 billion pounds in 1942. Together, the orders from domestic, civilian, military, and Allied sources would call for 140 billion pounds of milk—a production you will all recognize as being unobtainable this year.

In the last great war the reaper and the threshing machine were the main symbols of the farmers' contribution to victory. In this war these implements have been displaced by the milking stool and milk pail. This time the amount of wheat we are sending abroad is but a fraction of what we sent in 1917, but the amount of dairy products we are sending is ten times greater. Still we must supply the needs of our military forces and our home consumers.

Last year the dairymen in this country produced a record high of milk production—120 billion pounds. But last year we had unprecedented favorable weather and pasture conditions to help out. We can't count on the same good luck again. The question is how can we attain the 122 billion pound goal. The Government is teaming up with the dairy farmer and the dairy industry as a whole in a number of practical programs designed to get the job done.

Let's look first at the matter of labor. One of the most difficult stumbling blocks in the way of maximum production up to a few weeks ago was the drain of manpower from the Nation's farms. Our armed forces got part of it, and our plane and tank factories got a share. Congress has now broken this bottleneck to farm production by providing that skilled workers be retained on essential dairy farms.

The Department of Agriculture has gone a step further in this direction. Realizing that a good many workers had left dairy farms before this bill was passed, the Department is now cooperating with the United States Employment Service to recruit and place workers on dairy farms where the labor shortage is especially critical.

As one part of this recruiting plan, we launched a few weeks ago an experimental program to aid farmers on submarginal farms in the poorer farming regions to move into

better farming regions. Of course, this plan is voluntary, applying just for those who want to move.

As a starter in this program, 60 farmers left their homes on submarginal farms in Kentucky during the week of November 27. After brief training at the agricultural college in Ohio, they will move on as year-round workers on dairy farms. We have a similar project lined up for Wisconsin.

This whole scheme, you will realize, is definitely experimental. But, if it succeeds—and there is belief that it will—we think there are a good many thousand other men on submarginal farms who would like to follow suit.

Another project of the Department is designed to save good dairy cows, heifers and calves from slaughter. A program is now being initiated whereby county advisors of the Farm Security Administration may buy up any good dairy cows that are apt to be thrown on the market and make them available to farms that have manpower to take care of them.

Price supports represent another phase of Government activity intended to help dairymen achieve the 122 billion pound milk production goal. Insofar as possible, the Food Distribution Administration through purchases of dairy products will support prices at or near the ceiling levels established by the Office of Price Administration. These purchases are expected to make it possible for a well operated dairy plant to pay farmers about \$2.45 per 100 pounds for whole milk with a 3.5 percent butterfat content delivered to plants for manufacturing purposes. This figure is a representative figure for the mid-Western manufacturing areas.

In addition to price supports, a subsidy program was recently announced to attract more milk to the production of cheese. Under the program the Government will purchase all American Cheddar cheese delivered by cheese factories on the basis of 27 cents per pound (at Plymouth, Wisconsin) and sell it back to the factories immediately at 23 1/4 cents per pound (Plymouth basis). This 3 3/4 cents subsidy will be paid to cheese factories on condition that they in turn prorate these payments among the producers supplying them with milk. The subsidy program should permit greater production of cheese to meet mounting military, lend-lease, and domestic requirements without necessitating an increase in cheese prices to consumers.

In addition to these activities for increasing milk production we have the responsibility of making the most efficient use of the limited available milk supplies. This is primarily a problem of directing milk into the production of those dairy products most urgently needed for the war, at the expense of other products considered less essential. Recent orders promulgated for this purpose include Conservation Order M-259 pertaining to cream and Conservation Order M-271 pertaining to ice cream and related products. The cream order is designed to curtail the use of milk for whipping cream and the ice cream order is intended to reduce the consumption of both butterfat and milk solids-not-fat in frozen milk desserts. In its present form the ice cream order is temporary, being adopted as an expedient to quickly save butterfat and milk solids-not-fat and thereby alleviate apparent shortages of butter, milk powder, and other essential dairy products. A permanent order designed to replace Conservation Order M-271 and adjust some of the inequities caused by the temporary order will be issued soon.

A closely related group of orders is intended to direct the manufactured dairy products into needed war uses. Among these are Conservation Order M-267 requiring that 50 percent of butter in warehouses in 35 cities be set aside for the requirements of Government agencies, and Food Distribution Order No. 2 requiring that 30 percent of

all current butter production be set aside for Government purchase. Another closely related order is Conservation Order DA-1 specifying that every manufacturer of spray dried skim milk set aside at least 90 percent of his production for Government purchase.

High on any priority list pertaining to dairy products is fluid milk for direct consumption. Up to this point the price advantages available for milk sold through market milk channels have been sufficient to permit the significant increase in home milk consumption. Rising prices for manufactured dairy products have caused increased pressure for increases in the prices paid to farmers for market milk. Inasmuch as these farmers produce a considerable share of the total milk production it is desirable to increase the prices paid to them as a means of encouraging greater milk production for the country as a whole. The Department of Agriculture has undertaken the development of a program of economies in the marketing of milk in order to make possible some of the adjustments in prices which are necessary. The primary purpose of the program is to maintain and if possible increase the production of milk in the market milksheds and at the same time conserve manpower, rubber, and materials without entailing increased costs to consumers. The subsidies developed in a few markets to relieve the price squeezes of market milk have been discontinued. Temporary increases in consumer prices will be permitted in lieu of subsidy payments to allow producers prices to increase while the economies are being effected. Representatives of the Food Distribution Administration in individual markets, particularly market administrators in 22 large Federal order areas, have been authorized and directed to begin work immediately with all interested groups in those areas to develop and submit local and regional programs to increase efficiency of milk distribution.

However acute our needs, we all know that milk production cannot be turned on like drawing a tub of water. A good herd has to be built up over a period of years, and good breeding carefully encouraged. Likewise a good plant operation has to be developed over a period of time. But we are now at war and the enemy does not wait. Therefore, we must make the fullest possible use of available resources. This is equally the responsibility of Government and of the Dairy industry. The Government is endeavoring to do its part expeditiously and with the least disruption to the industry. We want and we are getting help and counsel from all branches of the dairy industry on ways of making our efforts more effective. But the real job is out in the pastures and the barns, it's up to you farmers—to you dairymen.

One thing you can do is maintain the size of your present herd and increase it if you can possibly stretch your manpower and facilities to handle more cows. It may be more profitable to you in terms of money to cull your low-producers; but if you have the labor, it is patriotic to keep on milking some of those less efficient cows.

But even assuming you save the cows you now have, we still haven't enough to produce all the milk we need under present production methods. The only other ways to get more milk this year are, first, feed the cows more grain and hay than in the past, and, second, where practical, milk three times a day.

Dairy plant operators likewise can make a great contribution. We solicit your support and assistance in developing the milk distribution economy measures to which I have referred. We ask you to divert milk to those products most urgently needed. And we seek your help in encouraging farmers to increase their milk production. Acting as field men in your contacts with farmers you can help in the relocation of cows on farms where they can do the most good.

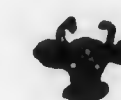
All those contributing to the dairy industry play a vital part in the program of Farm Mobilization. Now that dairymen know what the needs of the country are and

understand the purposes of our various programs, they are cooperating whole heartedly in the war effort.

You know, the Axis countries have an ostrich-like habit of reassuring their peoples by saying that the democracies are decadent, that our business men are profit-minded, that our young men are soft, and our soldiers can't take the heat of modern war. One piece of Jap propaganda I read recently even went so far as to say our bombardiers and tank crews have milk in their veins.

About that last, they're right. They do have milk in their veins—and the precious nutrients of milk that keep a man's hand steady on his gun and his eyes sighted straight towards Victory on all the battle fronts of the world between San Francisco and Tokyo and between Broadway and the Wilhelmstrasse.

It is up to us to see that they keep on getting it!



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THE FARMER AND THE ARMY

Talk on the importance of food to the fighting forces by Lt.-Col. Ward B. Cleaves, Commandant, Bakers and Cooks School, Lee, Virginia, before various farm commodity groups in Harrisburg on Farm Mobilization Day, January 12, 1943.—Lt.-Col. Ward B. Cleaves, Commandant, also demonstrated before our Annual Meeting Audience the various types of processed foods as prepared for our Armed Forces.

Two disasters that may lead to surrender or death can befall an American soldier on the battlefield.

One is an empty gun. The other is an empty mess plate. Without ammunition, he is defenseless. Without food, he is equally defenseless.

You can't fight very long with an empty gun and you can't fight very long on an empty stomach.

The Army looks to the workers in the arsenals and munitions factories of America to keep the ammunition belts full. No one else can fill that gap.

The Army looks to the farmers of America to keep food piled on the mess plates. No one but the farmers can fill those plates.

We in the Army are deeply grateful to you farmers for the job you have done so far. The 1942 production record of the American farmer was heartening news to every man in uniform. We also realize the job ahead of you in 1943 will present many grave difficulties.

The United States Army could not have been built to its present size without calling many men from the farm. We couldn't build enough ships and tanks without taking some of the steel you could use for new machinery.

Such things are part of the price we must pay for victory. This Farm Mobilization Day meeting means that farmers are preparing for their battles and preparing to win. In this total war, farmers and soldiers are brothers in arms.

Food is one of our most powerful weapons in this war of survival against our Jap and Nazi challengers.

Anything that contributes in any way to the feeding, supplying and upkeep of the United States Army, destined soon to number 7,500,000 men, is of vital importance.

And that explains why I am here speaking to you today, as the representative of the War Department whose responsibility it is to see that the United States Army continues to be the best equipped, best clad, best fed army in the world.

History is replete with the record of lost battles—battles lost by starving armies.

On the battlefield, a soldier must be strong and fit. His body must be like the body of a trained athlete, and if it is, you needn't worry about his morale.

That soldier must endure blistering heat, knee-deep mud, the bitter cold that comes after nightfall, the wind and the rain. He must carry loads of 60 pounds or more on his back. He must crawl through brambles and barbed wire.

He has no house nor shelter and day and night he may be subjected to a ceaseless barrage of bombs and bullets. What sleep he gets, he snatches when and where he may.

You men and women know hard work. Now, think of the hardest day's work you ever put in in all your life, and you'll know what every day of combat is like for a soldier on the battlefield. Not one day, but day after day.

The nervous and physical punishment he undergoes is terrific.

There is only one means to keep his poor, tired body going and keep building and rebuilding his stamina. Food is that means.

The American soldier eats about 5½ pounds of food every day, compared to the average of 4 pounds eaten by civilians.

Today the armed forces of our country are buying, inspecting, shipping, storing, issuing, cooking and serving over 15,000 tons of food daily, at a cost of about \$2,750,000 per day.

It is a tremendous job. It is a job which leads straight back to only one source—the American farmer.

The soldier on the battlefield has many teammates behind the front line, teammates upon whom he is dependent, but the closest of all his teammates is the farmer.

Without the farmer, we Americans simply could not have picked up the Jap challenge at Pearl Harbor and flung it back into the face of Tojo and all the tribe of Tojo.

Without the farmer, we Americans would have had to bow our heads to the so-called "New Order" of Adolf Hitler and submitted ourselves to the shackles of the Nazi tyrants.

It would have done no good to start raising a mighty Army on the foundations of our little peacetime garrison, an Army that was smaller even than Switzerland's.

It would have done no good to start building a 2-ocean Navy that even now is fighting on all the seven seas.

It would have done no good to transform America's vast peacetime industry into one great, roaring forge of war.

All that would have been in vain, without the farmer's fighting assistance.

From the soil of America must come the crops to sustain the sons of America who fight on land, on sea and in the air.

You are the planters and the harvesters of those crops. We of the Army depend on you.

But the American farmer is more than that today. He is the principal sustaining force behind all the United Nations, behind all our allies in this war.

Your harvest of last year is helping to sustain the Russians in their magnificent counter-offensive against Hitler's invading legions. The British 8th Army, snapping at the heels of Rommel's retreating Nazis in North Africa, are being fed with dried eggs and milk, canned pork, cheese and concentrated orange juice from the United States.

Hogs from Iowa, beef from Texas, wheat from Minnesota, apples from Oregon, peaches from California, potatoes from Maine are being eaten today not only by American soldiers but by their comrades in arms in the other United Nations armies.

Each month we ship around 400 million pounds of food to our allies. Planes, tanks and guns aren't the only weapons we put into their hands against the common enemy.

We are furnishing them with food, the weapons you grow, and the Japs and Nazi soldiers our allies kill are Jap and Nazi soldiers who will never oppose the soldier sons of America.

Nor must we overlook the food we ship to lands whose hungry populations may be wavering between friendship for the Axis and friendship for ourselves. It has helped to tip the scales in our favor.

Up to September 1, 1942, more than 3,300,000 tons of U. S. foodstuffs had been laid down at American ports, ready for shipment to the United Nations. U-boats sank some of that cargo but the bulk of it got through.

Around 18 percent of that great tonnage, gathered from all sections of our country, was eggs and dairy products; 17 percent was meat, fish and fowl; 15 percent was fruits, vegetables and nuts; 10 percent was lard, oil and fats; 25 percent was grain and cereals.

In all such foreign shipments, we lay stress upon the use of dehydrated foods to save shipping space.

The Army Quartermaster Corps has found that it can stow two tons of dehydrated sweet potatoes in the same ship space which would hold less than half a ton of the canned variety.

But merely to feed our own American troops on foreign battle fronts and at their foreign bases is a gigantic task.

When our Army, as a whole, reaches a strength of 7,500,000 men, its rations for one month would make a pile of food nearly as big as the 102-story Empire State Building in New York.

At the beginning of 1943, we had about 1,500,000 fighting men outside this country. In one day, those 1,500,000 men consume about 4200 tons of food. Think of it, 4200 tons of food daily!

And that can't be all one kind of ration. The type of food suitable for a soldier fighting in jungle and desert won't do for the soldier fighting in high altitudes or sub-zero climates. Just keeping that little item straight gives the men in the Quartermaster Corps grey hair.

The Army relies on farmers for a lot of other things besides food, too. Your soybeans make the glycerine that fires out anti-tank shells. Oil from your castor beans soften the linings of Army shoes. Cotton goes into our liferafts, our raincoats, our explosives and the tires for our jeeps, ambulances and trucks. Wool makes our uniforms. Even in an 80 mm. gun mount, there's enough wool to make a woman's skirt. Your peanuts provide cooking oils, thereby releasing other oils for explosives. Your flax provides the linseed oil in paints to camouflage our encampments and protect tanks and guns from rust. Your grains are going into synthetic rubber for a hundred military uses.

There are other food requirements for war, too, such as the needs of civilians in the war factories. The army knows very well these requirements are all a part of the war it fights at the battlefield.

Without an alert and energetic citizenry at home, we'd soon find our Army short of the essential weapons of war.

Without well-fed allies, we would be engaged in a single-handed struggle with all the Axis powers all around the globe and the war would be prolonged by years.

That's why civilian supply and the 5 billion pounds of foodstuffs purchased for lend-lease shipments in the past year are of direct interest to the Army.

We've come a long way since Pearl Harbor but we have a long way yet to go.

This is the year when our men and our machines will meet sterner tests on the battlefield than they have ever met before. The same holds true for the American farmer and the machines of the American farmer.

Labor is scarce, gasoline is scarce, it is hard to get farm machinery; yet the farmer is called upon to produce more this year than he ever produced before.

An extra acre planted, an extra cow milked, an extra hatch of chickens, an extra hog in the pen—these are ways in which the American farmer will meet the battle test of 1943.

He saw his country through the last war—and his sons helped trim the Kaiser brand of Germans.

He's seeing his country through this war—and his sons are helping right now to beat the Nazi brand of Germans and their Jap stooges into inevitable defeat.

We'll have black days on the battlefield.

We'll have black days in the harvest field.

But when the final score is posted, those Japs and Nazis will find that we can out-produce 'em and out-fight 'em, too.

Together, we'll lick that bunch of barbarians to a fare-thee-well.

CORN

bred to resist
INSECTS and DISEASE!

Investigate today! Mail Coupon!

We do not claim that FUNK G HYBRIDS will resist all diseases and the many types of insects that attack corn. We do say, however, that FUNK G HYBRIDS are resistant to blight and many insects and for 7 straight years have come through against these enemies.

FUNK G HYBRIDS also offer many other advantages: vigorous early growth, better standability, uniform growth, resistance to drought, leafier silage, easier husking, more shelled corn per ear and more corn per acre planted.

Investigate FUNK G HYBRIDS today. Mail the coupon below for full facts and FREE copy of handy Corn Data Notebook.

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Please send full facts on Funk G Hybrids
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★

Registered Jerseys Nine Years Continuous D.H.I.A.

testing—cows in pasture summers and in stations winters and milked twice daily with no fancy care.

Nine year average
7663M—431.3 Fat

Last three year average
8702M—478.4 Fat

(1942) Last year average
9114M—508.3 Fat

★

We had the highest Jersey Cow in Penna. D.H.I.A. 1942 with 13989 M - 782.9 Fat—this included her entire dry period. Her 365 day record was 15196 M - 867.8 Fat. Compare these records with your own and see if you want some of this stock in your herd. If you do inquire above address.

WHAT IS THE INTER-STATE FARMERS' COUNCIL?

BY J. K. STERN, Vice President
Interstate Farmers Council, Inc.,
Sherwood Bldg., Baltimore, Md.

Farmers must and will solve their own problems through their own farm organizations which they own and control.

Farmers do not oppose labor's right to organize. Farmers want labor to have the same rights they have in building democratic, self-help organizations.

Farmers do oppose mixing the two groups for in the long run this would mean weakening both if they were democratically controlled and it would mean building one group at the expense of the other in a set up like District 50 of United Mine Workers. Here John Lewis rules supreme and elections, if held at all, are about as democratic as a popular vote in Nazi Germany.

When Lewis announced his intentions to invade the farm field, first dairying and later all other branches of agriculture, he did two things. His announcement was the most serious threat to agriculture in this generation, and conversely it stirred farm organizations into constructive action more quickly than other dangers ever had.

If any of you think that this attempted move of Lewis into agriculture is not serious, think for a moment what his history has been and bear in mind that his one ambition has been to get power. His "rule or ruin" tactics have been responsible for his being kicked out of both the A. F. of L. and the C.I.O. He has plenty of money and can hire any talent that can be bought. After he sold a farm organization in New York State on what he could do for them and got them to sign on the dotted line, he immediately removed their officers and installed his own. That is what he aims to do with all opposition. His fondest hope is that he can control food production, processing, transportation, and distribution in this country and he is making direct moves into each of these fields today. If he ever were successful, not only the farmer but the consumers of this country would be at his mercy.

Farm organizations have been stirred into action all over the United States. Here in the East, the Free Farmers organization was incorporated at Ithaca, New York; the Agricultural Council of New England was incorporated with headquarters at Windsor, Vermont; and the Interstate Farmers' Council with headquarters in the Sherwood Building, Corner of Charles and North Streets in Baltimore, Maryland.

The Interstate Farmers' Council includes 32 farm organizations in Pennsylvania, Maryland, Delaware, Virginia, and West Virginia. All of the large organizations are members—Granges, Farm Bureaus, The Dairy Co-ops like the Interstate Milk Producers, the Dairymen's Cooperative Sales Association and similar organizations in the Baltimore, Washington and Richmond areas. (The Dairymen's League is a member of the Free Farmers', Inc.) The large purchasing cooperatives like Eastern States Farmers' Exchange, Farm Bureau Co-op and the Southern States Co-op. In addition, many smaller commodity organizations and the educational organizations like your own Pennsylvania Dairymen's Ass'n are members.

The Council is a "pro" farmer and "pro" farm organization group rather than just an "anti" Lewis organization. The President, Mr. P. C. Turner of Maryland and the

two part-time fieldmen, Mr. Howard Wickersham of Kelton, Pa., and Mr. J. T. Shay of Meadville, Pa., with the support of the Board of Directors are carrying on an educational program in the five states. It aims to have farmers appreciate the necessity of farm organizations today—all farmers should belong to one or more farmer owned and farmer controlled organizations. Another aim is to help each farm organization to do the best job that can be done in its field so that there isn't room for some other group to improve upon their efforts. Most important of all perhaps is the attempt of pulling together all farm organizations so that we may become better acquainted with each other, better coordinate our separate programs and support rather than condemn each other in our efforts. If we stand together as farm organizations now and continue to work together, we need never concern ourselves about John Lewis.

A news letter is mailed monthly to 4,000 farmers who are leaders in the five states, keeping them posted on Lewis activities in the farm field and reporting on constructive work of the Council. If you are not receiving this letter and want it, please make your request to a fieldman or to our headquarters.

In closing, I want to urge each organization present to invite the fieldmen nearest you into your organization meeting at the earliest opportunity, so that more of this story can be passed on to your membership. These fieldmen or the Baltimore office also want to know promptly when any District 50 activity among farmers is reported in your neighborhood.



The **LOW-COST** WAY to **LOW-COUNT** MILK

Where milk is produced HTH-15 is needed. It is a chlorine bactericide, quick-acting and effective in helping to keep counts down. It meets the most rigid requirements for dairy sanitation.

EASY TO USE — ECONOMICAL
HTH-15 is in free-flowing powder form—easy to use—it is harmless to dairy metals—*Will Not Freeze or Become Lumpy*. You can use or recommend HTH-15 with confidence.

HTH-15 — FULLY DEPENDABLE
Write for full information. HTH-15 is a fully-tested product—well-tried in laboratory and field. It may be used or recommended with confidence.

THE MATHIESON ALKALI WORKS (INC.)
60 East 42nd Street • New York, N. Y.

Use
HTH-15
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CALF PAILS

MILK CANS

UTENSILS

MILKING MACHINE PARTS

SEPARATOR UNITS, ETC.

4310

Labor Saving Methods and Devices I Have Found Helpful on My Farm

(Panel Discussion Conducted by A. A. Borland)

These are times when the labor problem is acute on many Pennsylvania dairy farms. Consequently the officers of the Dairymen's Association felt that any good information about how some dairymen are effecting short-cuts or improved methods of handling the labor problem would be helpful to dairymen in general. Several honest-to-goodness dairymen gave some excellent suggestions on the subject.

How Forest Vu Farm Saves Sabor

Mr. Wilbur F. Barkdoll, proprietor of Forest Vu Farm, Mont Alto, discussed some of the contrivances he has found helpful from a labor saving standpoint. "In regard to the labor saving devices on Forest Vu Dairy Farm, there is one that is used 730 times each year. It is a carrier for our milk cans and is of our own construction. The carrier holds three cans is made to run along behind each row of cows on the litter carrier track. When the milkers remove a milking machine they simply step out across the gutter and pour the milk right in to the can. This carrier is pushed along behind the cows in each row, and is so made that the air hose and surcingles can be hung on it, that way it serves a double purpose. In the evening the carrier conveys the filled cans to the North end of the barn next to the milk house where the milk is stored and cooled. In the morning it conveys the cans to the South end of the barn where they are loaded on truck for delivery. The carrier thus saves many steps and much lifting of cans."

Another labor saver is a contraption made to wrap up our wire that is used for an electric fence. We formerly used barbed wire but since having a very bad injury to the teats of one of our cows, we prefer smooth wire, and believe it to be just as effective and much easier to handle. For convenience in handling the outfit, we built it on two corn plow wheels. It fits exactly in the bed of a small truck. The axles extend out through the hubs of the wheels, and we have handles to fit on the ends of the axles. Someone drives the truck in reverse to wrap up the wire. (A boy is always delighted to do this.) He drives forward to unwrap the wire when putting up fence. With some one to turn the axle on which the wire is wrapped we can move a long stretch of wire in a very short time. This wire carrier, being on wheels of good size, can be moved around very easily any where one wants it. It has pieces of sheet steel on the inside of each wheel to act as guards to keep the wire away from wheels so that the roll does not interfere with the easy movement of the wheels. My son, who designed and built it, has it painted, and it really looks like a factory built convenience.

The third convenience that we are now working on is a power driven device to operate the lift of the litter carrier, to elevate the manure after being loaded in the litter carrier. The manure from the cow barn is hauled to the field each day of the week except Sunday. It is deposited in the manure spreader from the litter carrier. The most work it seems in this operation is to pull up the litter carrier.

Every thing has been completed for the installation of this device except that no motor has been available. Since the Dairymen's meeting in Harrisburg, we have secured a motor and now we have everything ready to install. We feel that the device, when put into operation, will be a real labor saver.

Prof. Borland has asked me to say something about our experience with Ladino clover. I would much prefer John Dickey or Jack Warner who are here in the audience

to tell of what they saw in the fields at Forest Vu Dairy Farm instead of telling about it myself. How Prof. Borland expects me to tell about Ladino clover in the time allotted me, I don't know. When an extension man comes out from State College he generally takes an afternoon or evening on this subject. However, I will try to touch on several of the most important things we have learned about Ladino clover by experience.

We feel that farmers should not get too enthusiastic about Ladino clover for a hay crop. It should not be sown alone: First, because it does not yield enough; second because it is very hard to cure, owing to the fact that it has so much sap or moisture in it; and third because it is very high in protein and is entirely too laxative to feed as pure Ladino clover Hay.

For pasture it is a fine crop—grows very rapidly and the cattle relish it very much. It needs to be watched closely on account of bloat. Our experience has been that a combination of orchard grass and Ladino clover makes a fine pasture mixture and is also good for hay if you have more than you need for pasture. We feel that timothy grows too slowly for Ladino clover. If you have plenty of grass with Ladino, we feel it will reduce the danger of bloat to a minimum.

There has been a great deal of talk in these dairy meetings about a shortage of protein feeds and their cost. In the fall of 1941 I was asked to send a sample of hay to State College for analysis. It was taken right out of the dairy barn, was the third cutting from a field, and consisted of a mixture of orchard grass, alfalfa and Ladino clover. The analysis as found at State College was 17.3% protein. Why should we worry about high protein feeds that are high in price when we can grow roughage of this type on our own farms?"

Labor Saving Devices on Houck's Farm

J. W. Warner, County Agricultural Agent of Indiana County, told about the labor saving devices on Clyde Houck's farm at Clymer, Pa., R.D. 1. He said, "I am indeed sorry that Mr. Houck could not be here himself today to report on some of the conveniences on his farm which have helped to reduce the labor load.

Mr. Houck is a progressive breeder of registered Jersey cattle and has been secretary of the Lovejoy Jersey Bull Association since it was organized in August, 1919. He has also been a member of the Dairy Herd Improvement Association continuously for sixteen years. He has a very attractive trophy room in his home where the dairy herd improvement association certificates are displayed and also cups and certificates for high quality milk at the Pennsylvania Farm Show.

Mr. Houck recently installed a milking machine which now cuts the time of milking practically in half. He produces Grade A milk which goes to the Reick-McJunkin Dairy Company, and always gets the premium for low bacteria count.

Several years ago Mr. Houck requested the Extension Service to give him some assistance in laying out his farm in contour strips. Assistant County Agent, D. H. Ricks, ran a number of base lines to start the contour strip farming program. Mr. Houck reports that the power required by his tractor is less than when he was farming up and down grades. Together with the liberal use of domestic ryegrass on the contour strips, he has had very little trouble with erosion.

Another labor saving device has been the use of glass jars such as mayonnaise and pickle jars, to be placed on the top of electric fence posts. With short pieces of wire and a pair of pliers, electric fence is quickly attached to the glass jars. Binder twine

can be used temporarily. When moving the electric fence from one location to another, he hitches the tractor to one end and drags the fence to the new location. Light posts of the proper height are driven into the ground, the insulator jars dropped over the posts, and the fence change is done in a minimum of time.

Labor Short Cuts

Mr. C. G. Niesley, Mechanicsburg, told about some of the devices he has found helpful on his farm.

"In order to speed up manure hauling by the use of a manure spreader and tractor, I took the front wheels off an old manure spreader and made a tractor hitch as follows: About a third of the distance from the front of the spreader I bolted angle irons, one on each side of bed, outside extending below bed about 10 inches and then bolted a cross piece to these to support the back end of a strong pole running forward to form the tractor hitch; then bracing with two irons from front corners of spreader to pole.

To make an electric ice cream freezer, I took an old chair with back out; set freezer on seat, put on a 15 inch pulley in place of handle; put light boards across rungs below on which to fasten motor; rigged up a belt tightener on the side and I have a real outfit to make ice cream. This is a 6 quart freezer and I wouldn't recommend any larger for this arrangement. When the cream is stiff enough the belt flies off—works automatically.

Wash line arrangement.—Model T Ford front wheel in wash house; motorcycle wheel at corner of barn; endless No. 9 wire around wheels; distance about 150 feet to barn. Wash woman stands in wash house, hangs up clothes and pushes them out until line is full to barn.

Arranging old fanning mill to clean soy beans for seed.—Put large pulley on fan shaft in place of hand-operated gearing and operate fanning mill with a small motor; beans run over $\frac{5}{16}$ inch mesh screen with solid bottom having $1\frac{1}{2}$ or 2 inch opening at rear of screen so beans all drop down at back end of mill upon a screen made of wood slats $\frac{5}{16}$ " x $\frac{3}{8}$ " and long as desired screen, this screen being placed where wheat screening screen is located.

These small wooden slats should be $\frac{3}{16}$ inches apart; beans roll down over slatted screen and broken grains and small beans fall through slats spaces. The slats are beveled on each side of top; use soft wood for slats e.g. white pine; bevel slightly at bottom too so beans don't lodge in cracks. The good beans pass over the slatted screen and come out at the usual opening for wind cleaned and screened grain.

Labor Saving Devices at Brookside Stock Farm

Mr. R. Earl Cassel, Hershey, outlines some of the labor short cuts at Brookside Stock Farm. Man power is the big problem facing our country to-day, and since so many industries, as well as our armed forces, bid for farm labor, this problem is very real to the farmer. Not many of us probably realize that the power of a man is limited to about 1/10 H.P. during a hard days labor, about enough to run a sewing machine, or he may be able to develop in short intervals up to $\frac{1}{2}$ H.P. This fact should make us realize that man is a very poor power unit and since the labor problem will be with us for the duration of the war, and probably a long time thereafter, we should avail ourselves of every opportunity to use mechanical power and time saving methods in our farm operations.

Most of you farmers know and probably have applied some of the labor saving devices that I shall suggest. The place where we fail in many cases, is by overlooking

the small items that in the period of a year, amount to more than we think. Recently I timed the men tying our 50 cows, and by the use of lever stanchions, found that we save at least 10 minutes for one man each day. Figure this saving for one year and you will find that you have about 6 ten-hour days you could use to go trout fishing about the middle of corn planting time.

We load the manure directly onto the manure spreader, by wheeling the barrow up a long plank, instead of dumping it on a pile and then re-loading it by forking. We average about two spreader loads of manure daily. Figuring 15 minutes per load for each load we save by this method about 1/2 hour daily or a total of a little more than 18 ten-hour days and the manure is not heating and thus losing the precious nitrogen that we need so much at present.

One of the best labor saving machines on our farm is the Milking Machine. Of course, it probably is not as good as the very best hand milker, but it does a much better job than the average. Since the allotment of milking machines by the government to Pennsylvania is 2950, it seems the dairymen should avail themselves of the opportunity to purchase one, especially if you are short of help on your farm.

Several years ago we started growing sorghum and soybeans as a supplement to our pasture to be fed as green feed in August, when the blue grass pastures are usually poorest. By actual measurement by our County Agent, Mr. Fromeyer, we found in a very dry year (in fact it was so dry that year the corn did not pollinate) it yielded 16.9 tons of silage per acre. By using proper equipment we found that 3 men could fill the silo just as fast and with a lot less effort than with corn silage. We used a mower, truck, a heavy duty hay loader and silo filler equipped to handle grass silage. We discovered that this type of crop grows very rank especially in a wet season and that some problems had to be worked out to be able to handle it with machinery. In the morning one man mowed down enough to fill until noon. This did not require very much time because of the dense growth. Without raking we followed the mower swath and picked it up with the loader, one man driving the truck and one on the truck loading. When unloading at the cutter we were very careful to dump the load by raising the dump bed and driving the truck out from under the load, which dropped the load just as loaded and made the work easier in feeding the cutter. No man is needed in the silo to distribute by this method, as there is no tendency for heavier parts to drop to one side and leaves to blow to the other as in the case in corn silage. To summarize points in favor of this silage it may be said:

1. This crop will yield more per acre than corn, especially in a dry season.
2. It can be handled with less labor if proper machines are available. In our case, we filled our silos with three men.
3. It fits into the dairyman's program where corn allotment would be a consideration.
4. It produces silage of a quality equal to corn silage, if not superior, keeps well and the cattle seem to like it.

In closing let me say that this year and for the duration farm equipment and machinery will be limited. So why not cooperate by sharing what we have with our neighbors, especially those machines that are used only a few days out of each year. This will help to make up for the shortage in new equipment, and help to hasten the time when again we will be able to beat our swords into plow shares.

Saving Labor at the Bryncoed Farm

Mr. Samuel Williams, proprietor of Bryncoed Farm, Middletown, was unable to be present on account of illness but sent an outline of some of the practices that has found helpful in saving labor at Bryncoed.

Tractors instead of Horses.

- Work is done much faster.
- One man can do the work of two with horses.
- Fuel and upkeep of tractor is much cheaper than feed for horses.
- Land is better prepared.
- Elimination of all horses saves much labor in caring for and feeding them.

Exchanging work with neighboring farmers during harvest time.

- Gives benefit of experienced men to help all farmers.
- Fewer men required if they are all experienced.
- Farmer must spend more days at threshing, etc.

Use of cornbinder with elevator and tongue to pull wagon.

- Can fill silo with four men.

Every other day retail delivery of milk.

- Trucks go out every day.
- Deliver to one section of city one day.
- Another section the next.
- Saved 35% of mileage. Cannot save 50% because of trips to town.
- Save one hour a day because stops are cut in half.
- Can deliver 2 or three or four quarts as easily as one.
- Use of special carrier.

Milking machine very essential in saving labor.

Cooperation of hired hands through good pay and consideration of their wants and needs.

The Bathtub Does Its Bit

Mr. Robert Rumler, County Agricultural Agent, Williamsport, gave some interesting and helpful information about the effects of our improved water supply upon the milk yields in the herd of one of his country dairymen.

"The humble bathtub has gone to war on the J. D. Lunger farm in Lycoming County. This tub is doing its bit to increase the milk production of the Lunger herd. It is serving as a simple and practical method of keeping water before the milking herd at all times. This tub which was installed between the years 1941 and 1942, is largely responsible for increasing average butter fat production of the herd from 331.2 pounds of fat per cow to 436 pounds of fat.

In the herd there were eight cows with almost identical production periods for both years. The following facts on these eight cows definitely prove the value of a constant supply of water to the milking herd:

| | 1941 | 1942 |
|---|-----------|-----------|
| Average days milked | 314 | 324 |
| Average pounds of milk produced | 6433 | 8830 |
| Average pounds fat | 342.9 | 452.9 |
| Income above feed cost | \$ 688.96 | \$1142.50 |
| Value of Product | \$1226.30 | \$1889.72 |
| Feed per pound of milk | 3 | 2.6 |

The above figures indicate an increase in the value of product of \$663.42. Of this amount \$215.51 represented an increase in the price of milk. Consequently the difference in the management of the herd so far as watering is concerned accounted for an increase of \$445.91 or an average of \$55.74 per cow.

It should be further understood that for a six months period these cattle were on pasture which meant that they were at that time getting all the water needed for the higher rate of milk production."

One-Man Haymaker

Mr. John A. Smith, U. S. Dept. of Agriculture, 928 N. 3rd Street, Harrisburg, related an interesting experience through which he learned of a unique method of getting hay quickly from the field to the barn.

"Last summer as I was driving to State College, I saw a peculiar vehicle cross the road and approach the barn. It was an old Buick automobile carrying a cargo of hay to the rear. I stopped my car and took my camera from the case to get a picture of this peculiar innovation and was amazed to find that before I could adjust the camera, this vehicle had been unloaded and was at the road again.

I stopped the driver who was a shirtless, husky chap of 18, a student of Agricultural Engineering at Penn State and a son of James Markle, the owner and operator of the farm. A year or so ago the Markles lost a barn due to spontaneous combustion of chopped hay and to overcome labor shortage built a buck-rake at the Engineering Department of the College from non-critical white oak plank, some junk angle-iron and an old car,

With the aid of a buck-rake bulletin from Ohio State University, Columbus, Ohio, he built the whole outfit for about \$50.00 and made the entire hay crop himself with the exception of storing it in the barn, which of course required help. The old Buick was stripped to chassis from front seat, back. To the rear of the driver, a Ford rear axle was mounted with a drive shaft running to a point opposite the fan belt of the Buick Motor. By means of a belt tightener the Ford rear axle became a hoist because brake drums were welded together to provide a hoist drum at one end of the axle. The other end of the axle was entirely discarded.

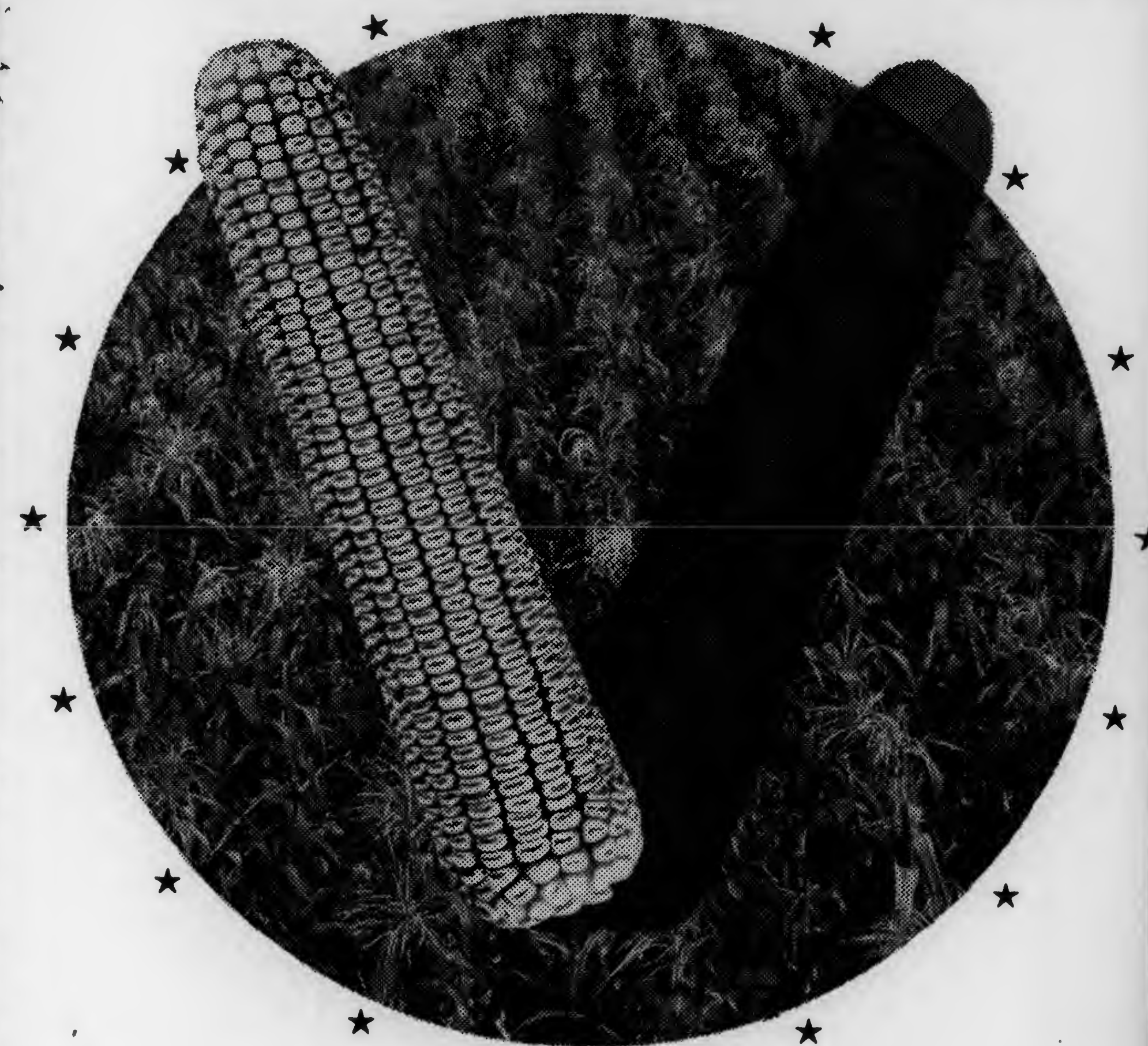
A sturdy, hoisting jack was erected to the rear of the drum and three or four pulleys arranged to provide even hoisting power. A large rake was hinged to the bottom of this hoisting jack about 9 inches from the ground. When the rake was down, the Buick shoved the rake under the windrow. When it was hoisted, the hay was ready to move to the barn.

We followed the outfit to the field. A rectangle of about 5 acres was windrowed. The driver backed his rake down the one end and by zig-zag action distributed the hay over the bottom of the rake. When he came to the corner he lifted his hoist and turned his car to back down the side windrow. When he got to the middle of this windrow, he pulled his rake out from under the pile of hay and drove to the other end of the field. Here he dropped his rake and collected all the hay from the other end of the field. When he approached the hay pile he previously accumulated he lifted his rake and piled the new load on the original pile. Now he had a load of about 1000 pounds. He dropped his rake and backed it under the whole pile and carried it off to the barn.

Time of operation: 3 1/2 minutes. Some labor-saver. The one-man haymaker.

HIGH YIELDS

for your **VICTORY FIELD**



PIONEER

HYBRID CORN for 1943

The Pennsylvania Dairymen's Association Dairy Herd Honor Roll 1942

Two thousand and forty-nine dairy herds in the Pennsylvania Dairy Herd Improvement Associations in 1942 each received a ribbon in various classes divided as follows: 771 herds received a red ribbon for an average herd production in the class from 300-350 lbs. butterfat; 783 herds received a blue ribbon in the production class averaging between 350-400 lbs. butterfat—and 495 herds with an average production of 400 lbs. butterfat and over received a purple ribbon. A complete list over the production of each of these herds follows:

Compiled by I. O. SIDELMANN

ADAMS COUNTY

Adams County D. H. I. A., Year Ending June 30, 1942

Cassian J. Andrews, Biglerville, Pa.; Charles Woodward, Orrtanna, Pa.; Testers

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|-------------------|---------------|-----------------|----------|--------------|-------------|
| Norman King | York Springs | 19.34 | RG | 8,451 | 419.5 |
| B. J. Griffie | York Springs | 10.06 | RH:Mixed | 10,935 | 419.0 |
| Joseph Stoner | East Berlin | 15.80 | Mixed | 9,211 | 376.4 |
| Edgar Weaner | Gettysburg #4 | 33.58 | RH | 10,634 | 373.5 |
| Edgar Leer | York Springs | 27.94 | R:GrH | 10,114 | 354.9 |
| W. Clayton Jester | Biglerville | 20.33 | R:GrG | 6,711 | 320.9 |
| F. M. Anderson | York Springs | 8.20 | RH | 8,910 | 310.7 |

ALLEGHENY COUNTY

Allegheny County D. H. I. A., Year Ending June 30, 1942

Alfred Shingledecker, Tester, Imperial, Pa.

| | | | | | |
|--------------------------|-------------------|--------|-----------|--------|-------|
| Dundee Farm | Sewickley, Pa. | 8.04 | RG | 10,276 | 504.1 |
| Fairacres Farm | Sewickley, Pa. | 8.89 | RG | 10,908 | 478.2 |
| Woodville State Hospital | Woodville, Pa. | 125.03 | RH | 12,885 | 455.3 |
| John Bamford | Midway, Pa. | 21.70 | RJ | 8,400 | 432.8 |
| J. H. Wilson & Sons | Clinton, Pa. | 18.11 | RH | 12,857 | 412.8 |
| E. N. Stoner | Wilkesburg, Pa. | 19.03 | GrG | 10,542 | 401.8 |
| Allegheny Co. Workhouse* | Blawnox, Pa. | 52.66 | PJ | 7,956 | 391.8 |
| Albert B. Craig | Imperial, Pa. | 17.86 | RH | 10,971 | 321.1 |
| Joseph W. Cain | Bulger, Pa. | 20.16 | RJ | 8,105 | 386.1 |
| Guy A. McWreath | McDonald, Pa. | 17.66 | RH | 11,227 | 362.1 |
| George W. Herriot | McDonald, Pa. | 28.62 | R:GrG | 8,010 | 360.3 |
| Sunny Slope Farm | Coraopolis, Pa. | 16.02 | R:GrG | 7,723 | 351.1 |
| Wm. A. Smith | Pittsburgh, Pa. | 8.50 | RJ | 6,242 | 350.3 |
| Charles W. Scott | Oakdale, Pa. | 12.62 | RH | 10,646 | 344.1 |
| Mayview State Hospital** | Mayview, Pa. | 49.05 | R:PH | 10,257 | 341.2 |
| H. A. Berry | Imperial, Pa. | 20.32 | R:GrJ | 6,649 | 336.5 |
| Circle E Farm*** | Clinton, Pa. | 6.51 | RA | 8,394 | 334.2 |
| Robert Reiter | Turtle Creek, Pa. | 22.49 | R:GrH:GrG | 8,661 | 322.6 |

*Milked 3 times daily.

**Milked three times daily for 10 months.

***Ten Months' Records.

ARMSTRONG COUNTY

Armstrong County D. H. I. A., Year Ending July 31, 1942

Henry E. Miller and Kenneth M. Stull, Testers, Kittanning, Pa.

| | | | | | |
|-------------------|------------------------|-------|-------|--------|-------|
| Koenig Brothers* | Tarentum, Pa., R. 1 | 13.47 | RH | 12,620 | 486.6 |
| Marshall Brothers | Byer, Pa. | 25.09 | RH | 13,288 | 446.7 |
| John M. Reed | Kittanning, Pa., R. 3 | 32.98 | RG | 8,933 | 434.2 |
| M. O. Henry | Climax, Pa. | 19.34 | R:GrG | 8,404 | 427.5 |
| Glenn E. VanDyke | Freeport, Pa., R. 1 | 15.70 | R:GrH | 10,912 | 405.9 |
| C. B. McNees | Cowansville, Pa., R. 1 | 13.84 | RG | 7,987 | 388.9 |
| J. M. Patterson | Apollo, Star Route | 14.48 | GrG:H | 9,742 | 387.7 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|--------------------|-----------------------|-----------------|--------------|--------------|-------------|
| Paul Shoemaker | New Bethlehem, R. 5 | 9.72 | GrG | 7,825 | 385.0 |
| McCullough Farms | Kittanning, Pa., R. 1 | 32.75 | R:GrH | 11,167 | 380.5 |
| J. F. Shaffer | Kittanning, Pa., R. 3 | 17.78 | RG | 7,406 | 359.9 |
| Frank Bowser | Worthington, R. 2 | 22.01 | RH | 10,851 | 357.4 |
| H. S. Hogg | Worthington, R. 2 | 20.77 | R:GrG | 7,679 | 347.3 |
| Glenn Hill | Freeport, Pa., R. 1 | 12.99 | R:GrH | 9,883 | 341.0 |
| Karl Shoemaker | New Bethlehem, R. 5 | 10.61 | GrG | 6,840 | 340.2 |
| Armstrong Co. Home | Kittanning, Pa., R. 5 | 17.56 | RH | 9,678 | 337.3 |
| Martin Wilson | Dayton, Pa., R. 1 | 6.28 | GrG | 6,950 | 337.1 |
| Frank Heinen | Kittanning, Pa., R. 3 | 16.96 | R:GrH:G:Mix. | 9,692 | 333.4 |
| H. C. Lewis | Kaylor, Pa. | 44.42 | Mixed | 8,630 | 331.7 |
| Floyd A. Foster | Worthington, R. 1 | 21.52 | P:GrH:Mix. | 8,248 | 328.9 |
| Russell L. Barrett | Dayton, Pa., R. 1 | 11.79 | Mixed | 7,157 | 320.0 |
| Roy Anderson | Dayton, Pa., R. 3 | 12.24 | RG | 6,418 | 305.4 |

*Part of herd milked three times daily.

BEDFORD COUNTY

Bedford County D. H. I. A., Year Ending Nov. 30, 1942

Clair Ritchey, Hopewell, Pa., Rd. 1; Joe Grimes, Everett, Pa., Rd. 1; Testers

| | | | | | |
|------------------------|---------------------|-------|------------|--------|-------|
| Paul Koontz | Bedford, Pa., Rd. 2 | 17.41 | RJ | 9,041 | 500.0 |
| Galen Furry | New Enterprise | 18.61 | R:GG | 9,421 | 489.6 |
| Charles A. Koontz, Jr. | Bedford, Rd. 4 | 20.20 | R:GrJ | 8,904 | 446.4 |
| Stanley A. Koontz | Bedford, Rd. 4 | 26.97 | RJ | 7,956 | 439.3 |
| Norbert Gritzmaker | Bedford, Rd. 4 | 17.63 | RH:RG | 11,221 | 438.7 |
| Ray Koontz | Bedford, Rd. 4 | 12.56 | R:GrJ | 9,135 | 437.0 |
| W. J. Little | New Enterprise | 20.65 | R:GrJ | 8,025 | 429.0 |
| Livengood Bros. | Bedford, Rd. 4 | 13.20 | R:GrG:H | 11,203 | 424.3 |
| A. L. O'Brien | Manns Choice | 24.96 | RJ | 7,648 | 407.2 |
| Claude D. Diehl | Bedford, Rd. 4 | 17.16 | RH:GG | 10,343 | 405.2 |
| Ross T. Snider | New Enterprise | 24.57 | GrG:H | 8,518 | 394.1 |
| Mrs. Francis Baker | Everett | 24.94 | R:GrJ | 7,594 | 392.0 |
| Earl A. Jackson | Crystal Springs | 13.27 | GrG | 7,508 | 389.8 |
| Arthur Woy | Everett, Rd. 2 | 16.07 | R:GrG | 8,084 | 384.9 |
| S. L. Cessna | Bedford, Rd. 4 | 16.41 | RH | 10,526 | 383.9 |
| Walter F. Schell | Schellsburg | 6.60 | GrJ | 7,829 | 375.6 |
| Miller Bros. | Midland, Md. | 16.04 | R:PH | 10,849 | 374.3 |
| Robert Cessna | Bedford, Rd. 4 | 48.94 | R:GrJ | 7,065 | 370.6 |
| Kenneth Diehl | Bedford, Rd. 4 | 12.16 | RH | 9,760 | 367.4 |
| Bernard Foreman* | Everett | 7.30 | R:GrH | 9,559 | 365.7 |
| J. Paul Stein | Everett | 28.18 | R:GrJ | 6,897 | 363.6 |
| Clayton Ritchey | Hopewell | 18.67 | GrJ:G | 6,954 | 359.7 |
| S. H. Markey | Loysburg | 11.16 | RG | 8,140 | 358.4 |
| Street & Oster | Bedford, Rd. 3 | 21.06 | R:GrJ | 7,059 | 351.2 |
| Henry G. Hall | Hopewell | 12.66 | GrG | 7,334 | 351.1 |
| McKinley Woy | Everett, Rd. 2 | 15.01 | RG | 7,341 | 346.2 |
| M. R. Llewellyn | Midland, Md. | 22.41 | R:GrH | 9,428 | 344.1 |
| Waterbrooks Farm | Schellsburg | 31.38 | RJ | 6,327 | 339.6 |
| D. Luke Bowser | New Enterprise | 19.08 | GrH:G | 7,741 | 335.2 |
| Dennis Koontz** | Bedford, Rd. 4 | 20.20 | R:GrH:Mix. | 8,315 | 331.7 |
| Mrs. Irene Valentine | Siebert, Md. | 16.80 | P:GrG | 7,034 | 327.2 |
| C. E. Llewellyn | Midland, Md. | 23.83 | R:GH | 8,963 | 325.0 |
| O. M. Llewellyn | Midland, Md. | 23.89 | R:GrH:Mix. | 8,185 | 317.8 |
| Ira Eshelman | New Enterprise | 18.53 | R:GrJ | 6,445 | 316.5 |
| Earl W. Grimes** | Everett, Rd. 1 | 12.55 | GrG:Mix. | 6,555 | 312.1 |
| Fred Crawford | Everett, Pa. | 19.17 | RJ | 6,665 | 310.1 |
| Ernest Duvall | Crystall Springs | 17.40 | GrG:J | 6,316 | 302.7 |

*10 months record.

**11 months record.

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|--|----------------------|-----------------|--------------|--------------|-------------|
| BERKS COUNTY | | | | | |
| Berks County D. H. I. A., Year Ending August 31, 1942 | | | | | |
| Alice Heisey, Paul Deitrick, Walter Hoppes, Victor Wasser; West Leesport, Pa.; Testers | | | | | |
| Riveredge Farms* | Rdg., R. #2 | 34.62 | RG | 10,002 | 500.6 |
| Lewis Duerr* | Bernville | 14.46 | RH | 14,150 | 489.4 |
| W. H. Dreibelbis & Son | Shoemakersville | 28.43 | RG | 9,427 | 453.8 |
| Brode & Stien | Barnesville | 16.39 | GrH:GrG | 10,923 | 426.5 |
| Charles Heister | Strausstown | 13.14 | R:GrH | 11,229 | 425.0 |
| Howard H. Lutz | Kempton R.D. | 14.49 | RH | 13,152 | 422.2 |
| Miles D. Hollenbach | Shartlesville | 9.40 | RG | 8,168 | 416.7 |
| Paul Degler | Sinking Spring | 25.83 | RH | 12,464 | 416.2 |
| Clyde Kieffer | Pine Grove | 10.41 | R:GrJ | 7,185 | 412.0 |
| John Balthaser | Mohrsville | 25.09 | R:GrH:Mix. | 10,836 | 410.0 |
| Woodrow Werley | Hamburg, R. #1 | 19.16 | R:GrH | 11,617 | 406.6 |
| Charles Reigel | Sinking Spring | 35.53 | R:GrH:RG | 11,194 | 401.2 |
| E. H. Gebhart | Mohnton | 10.06 | R:GrH:GrG | 10,935 | 400.0 |
| Flying Hill Farms** | Rdg., R. #1 | 56.68 | RG | 7,980 | 393.4 |
| Clarence Dietrich | Kutztown, R. #3 | 15.96 | R:GrH | 11,791 | 390.7 |
| Wm. Werley | Hamburg, R.D. | 28.92 | GrH | 11,165 | 389.5 |
| John B. Grubb | Bechtelsville | 17.21 | R:GrG | 7,927 | 385.5 |
| Joseph J. Loose | Mohrsville | 29.35 | GrG | 8,260 | 383.4 |
| Charles Ritzman | Sinking Spring | 23.55 | RH | 10,688 | 383.1 |
| Lee Gundy | Rdg., R.D. | 10.85 | RG | 7,824 | 382.9 |
| Wm. I. Fromm | Robeson, R. #1 | 17.08 | R:GrH | 10,756 | 382.2 |
| Mrs. Ida Leiby | Tamaqua, R. #1 | 13.58 | R:GrH:Mix. | 9,009 | 374.4 |
| Martin W. Wolfskill | Bernville, R. #2 | 28.94 | R:GrH | 11,292 | 373.9 |
| L. G. Schaum | Womelsdorf | 6.79 | RH | 10,605 | 372.6 |
| Wernersville State Hosp.* | Wernersville | 80.53 | GrH | 11,060 | 367.6 |
| Bethany Orphans Home | Womelsdorf | 24.79 | R:GrH | 10,468 | 364.4 |
| Waiter A. Spatz | Bernville, R. #2 | 21.08 | R:GrH | 9,910 | 362.6 |
| Daniel E. Heffner | Rdg., R. #2 | 22.39 | R:GrH:Mix. | 9,276 | 362.3 |
| Raymond Y. DeLong | Bowers | 33.95 | R:GrG | 7,308 | 362.1 |
| Herbert Seidel | Virginville | 15.25 | RAyr | 9,652 | 361.6 |
| Joseph Yanos | Douglassville | 20.21 | R:GrH:Mix. | 9,925 | 360.6 |
| Paul Anthony | Strausstown | 47.83 | R:GrH:R:GrG | 9,773 | 358.0 |
| Milton Keisler | Tamaqua, R. 1 | 10.52 | R:GrH | 8,776 | 357.7 |
| Paul Hollenbach | Bethel, R. #1 | 8.02 | R:GrG | 7,237 | 354.1 |
| Lonicera Farms | Douglassville | 50.83 | R:GrG | 7,155 | 352.3 |
| David R. Moll | Hamburg, R.D. | 23.04 | R:GrH | 10,119 | 347.5 |
| Harry W. Webber | West Leesport, R. 1 | 18.66 | Mixed | 8,804 | 338.4 |
| Wilmer J. Althouse | Hamburg, R.D. | 16.58 | R:GrH:Mix | 9,546 | 336.7 |
| John A. Knittle | Kutztown, R. #3 | 24.86 | R:GrJ | 9,604 | 336.4 |
| George L. Hess | Shoemakersville | 18.14 | RAyr | 8,060 | 334.3 |
| Fred P. Fisher** | Quakertown | 51.83 | R:Br:Sw:Mix. | 9,021 | 334.3 |
| James W. Phillips | Centerport | 17.35 | Mixed | 9,192 | 330.2 |
| Zenas I. Balthaser | Sinking Spring | 16.38 | GrH | 9,625 | 327.8 |
| H. Robert Mays | Stony Creek Mills | 47.01 | RJ | 6,687 | 326.2 |
| Maude J. Boltz | Summit Station | 17.85 | R:GrG | 6,993 | 324.3 |
| Stephen Golubics | Fleetwood, R. #2 | 17.25 | RG | 6,897 | 322.6 |
| Harry B. Roshon | Robeson, R. #1 | 21.26 | R:GrG | 6,752 | 322.5 |
| George F. Ruth | Robeson, R. #1 | 17.34 | R:GrH | 9,412 | 321.5 |
| Frank W. Reppert | Sinking Spring, R. 1 | 26.74 | Mixed | 8,759 | 319.1 |
| Paul Kohler | Hamburg | 46.87 | R:GrGR:GrH | 7,858 | 319.1 |
| Roy Moyer | Schuylkill Haven | 16.67 | RAyr | 7,654 | 318.6 |
| John A. Kalbach | Shartlesville | 56.96 | RH | 9,330 | 317.7 |
| S. F. & James Musser | Mohnton, R.D. | 9.80 | RG | 6,354 | 315.6 |
| George S. Stien | West Leesport, R. 1 | 14.86 | GrH | 8,590 | 314.8 |
| Berks County Alms House | Shillington | 42.52 | RH | 9,116 | 313.8 |
| Floyd Merkel | Hamburg | 23.44 | GrH | 8,835 | 311.2 |
| Raymond Faust | West Leesport, R. 1 | 17.65 | R:GrAyr:Mix. | 7,877 | 310.4 |
| Robert J. Williams | Rdg., R. #2 | 22.65 | Mixed | 8,357 | 310.1 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|--|------------------|-----------------|-----------------------|--------------|-------------|
| F. M. Brown Sons | Birdsboro, R. #1 | 28.40 | R:GrH | 8,797 | 309.2 |
| Clayton Koenig | Bernville | 24.72 | RH | 8,643 | 307.2 |
| Harvey Merkel | Kutztown, R. #2 | 18.91 | R:GrH | 9,638 | 307.0 |
| Bausher Farm #2 | Hamburg, R. #2 | 45.99 | RH | 8,443 | 306.2 |
| Oscar Manbeck, Sr. | Womelsdorf | 23.00 | RAyr:R:Gr Holstein | 9,055 | 305.8 |
| John H. Vogt | Rdg., R. #1 | 60.18 | R:GrG | 6,565 | 305.4 |
| *Milked three times daily. | | | | | |
| **Part of herd milked three times daily. | | | | | |

BLAIR COUNTY**Blair County D. H. I. A., Year Ending May 31, 1942**

Neal Fries, Wm. Campbell and Paul Leard, Hollidaysburg, Pa., Testers

| | | | | | |
|---------------------|--------------------|-------|--------------|--------|-------|
| D. A. Morrow | Tyrone, R.D. | 14.55 | RG | 10,030 | 515.3 |
| Emory Sollenberger | Williamsburg, R.D. | 11.13 | RH | 12,173 | 455.1 |
| J. W. Burket & Son | Tyrone, R.D. | 15.42 | R:GrG | 9,238 | 454.0 |
| J. Edgar Black | Altoona, R.D. #3 | 16.84 | GrH:GrG | 10,020 | 437.4 |
| G. Clair Smith | Martinsburg, R.D. | 18.38 | R:GrH | 10,701 | 414.6 |
| Foster Crawford | Tyrone, R.D. | 11.55 | R:GrG:Mix. | 9,375 | 409.1 |
| L. K. Sollenberger | Curryville | 20.28 | R:GrG | 8,513 | 408.7 |
| Albert Smith | Hollidaysburg | 19.39 | R:GrG | 8,873 | 407.0 |
| M. C. Bagshaw & Son | Hollidaysburg | 9.02 | R:BR:Sw | 8,618 | 369.2 |
| E. C. Bender | Martinsburg, R.D. | 25.91 | R:Sw:Mix. | 8,067 | 368.8 |
| John S. Metzker | Martinsburg, R.D. | 22.03 | RH | 9,944 | 366.4 |
| W. H. Pease | Tyrone, R.D. | 16.23 | R:GrG | 7,613 | 351.8 |
| Oak Manor | Martinsburg, R.D. | 12.81 | R:GrG | 6,918 | 331.0 |
| Preston C. Smith | Martinsburg, R.D. | 13.18 | R:GrH | 8,368 | 330.1 |
| John Sollenberger | Martinsburg, R.D. | 10.37 | R:GrG | 6,927 | 319.0 |
| K. S. Bagshaw | Hollidaysburg | 14.02 | R:BrS | 8,244 | 318.1 |
| Galen Sollenberger | Roaring Spring | 8.80 | R:GrG | 7,078 | 312.2 |
| J. M. Delozier | Hollidaysburg | 14.85 | R:Br:Sw:Mix. | 7,420 | 306.6 |

BRADFORD COUNTY**Canton D. H. I. A., Year Ending Nov. 30, 1942**

Roy Crofuct, Robert Lee, Robert Glosser, resigned; Gertrude Curley, rd., Wyalusing, Pa., Testers

| | | | | | |
|-------------------------|---------------|-------|-----------|--------|-------|
| T. M. Watts | Canton | 20.96 | RH | 13,500 | 466.7 |
| H. S. Wilcox, & Sons | Canton | 14.01 | GG | 9,498 | 449.2 |
| P. L. Isaacs | Canton | 22.67 | RH | 11,227 | 436.7 |
| Elwin Baldwin | Canton | 15.24 | RH | 11,775 | 421.0 |
| John L. Brackman | Canton | 21.66 | R:GG | 8,245 | 401.2 |
| R. H. Fleming, Estate | Troy | 24.10 | RH | 10,992 | 393.3 |
| Emmor Pepper | Granv. Summit | 16.84 | RH | 11,456 | 384.2 |
| R. G. Williams & Sons | Canton | 14.84 | RH | 10,621 | 381.4 |
| Clifford Landon | Canton | 11.51 | R:GH | 9,809 | 381.4 |
| Mrs. Neva Fleming & Son | G. Summit | 19.50 | R:GG | 7,487 | 379.8 |
| M. L. Rockwell | Canton | 15.05 | R:GG:R:GJ | 8,468 | 379.3 |
| Clarence Spencer | Canton | 18.74 | GH | 10,668 | 375.6 |
| W. R. Wright | Canton | 35.51 | R:GG | 6,949 | 342.4 |
| T. A. Dodge & Son | Monroeton | 15.05 | R:PJ | 6,200 | 328.2 |
| Herman Crandall & Son | Monroeton | 16.06 | R:GJ | 6,148 | 325.4 |
| J. D. Becker | Canton | 15.68 | R:GH | 8,593 | 311.1 |
| Fay VanDyke & Son | Canton | 21.99 | R:GG:Mix. | 7,572 | 308.6 |
| J. D. Wilcox | Canton | 24.98 | GG | 6,398 | 302.2 |

Laurel Hill D. H. I. A., Year Ending Oct. 31, 1942

Raymond J. Hall, Tester, c/o County Agent, Towanda, Pa.

| | | | | | |
|---------------------|--------------|-------|-------|--------|-------|
| F. W. Gorham | Wysox | 20.63 | RH | 12,420 | 445.3 |
| Gillette & Robinson | Rome | 21.28 | R:GH | 12,441 | 438.6 |
| Royal D. Slater | Towanda | 15.22 | R:GH | 10,917 | 416.6 |
| Geo. Coleman | Stevensville | 13.00 | GH:GG | 9,519 | 395.9 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|--------------------|----------------|-----------------|-------|--------------|-------------|
| Geo. W. Canfield | Stevensville | 22.10 | RH | 12,147 | 395.6 |
| A. E. Madigan | Towanda | 16.53 | RH | 10,241 | 378.5 |
| Leland Palmer | Ulster | 18.61 | RH | 9,831 | 367.4 |
| Geo. H. Davis | LeRaysville | 39.80 | GG | 8,116 | 368.4 |
| Geo. H. Pettes | Rome | 16.03 | Mixed | 9,185 | 359.5 |
| W. A. Cranmer | Monroeton | 12.16 | R:GH | 9,344 | 357.0 |
| M. Leon Prince | Cadis | 20.19 | GG:GH | 8,306 | 348.5 |
| George M. Jones | Little Meadows | 15.29 | GG:GH | 7,250 | 335.1 |
| Olyn Johnson | LeRaysville | 23.64 | R:PH | 9,537 | 326.7 |
| Newell B. Wilmot | Rome | 24.49 | R:GH | 9,154 | 327.6 |
| Leland Kipp | New Albany | 24.74 | RH | 9,421 | 324.1 |
| R. C. Hammond | Rome | 13.33 | R:GH | 8,650 | 323.0 |
| B. Merle Allyn | Warren Center | 31.33 | GG:GH | 6,955 | 317.6 |
| Howel Powell & Son | Stevensville | 15.48 | R:GH | 8,443 | 316.7 |

Troy D. H. I. A., Year Ending Oct. 31, 1942

Frank Fleming, Charles Norford, Resigned; Kenneth Stackhouse, general delivery, Troy, Pa., Testers

| | | | | | |
|--------------------------|---------------|-------|-----------|--------|-------|
| W. I. Pierce | Col. X Roads | 18.55 | R:GH | 12,187 | 432.5 |
| Ben Ballard & Son | Troy | 26.43 | RH | 11,714 | 426.0 |
| Mrs. Nina Calkins & Sons | Troy | 24.81 | RH | 11,024 | 415.8 |
| Clarence Allen | Granv. Summit | 20.66 | R:GH:Mix. | 9,669 | 395.2 |
| Frank Cole & Sons | Troy | 19.79 | R:GG | 8,277 | 395.0 |
| M. F. Van Veghten & Son | Col. X Roads | 16.08 | RG | 7,862 | 393.7 |
| Orton Mattocks | Troy | 18.71 | R:GH:GG | 10,207 | 393.1 |
| Caleb C. Greeno | Troy | 18.65 | GH | 10,130 | 380.2 |
| Clyde Mattocks | Troy | 22.50 | RH | 11,589 | 378.7 |
| Mrs. Lovina Putnam & Son | Troy | 14.25 | R:GG | 7,645 | 366.0 |
| Howard Van Noy | Troy | 15.07 | PGH:GG | 8,723 | 359.3 |
| I. A. Rockwell | Troy | 17.16 | RH | 10,166 | 352.0 |
| J. P. Storch & Son | Troy | 18.50 | RH | 10,010 | 347.4 |
| P. M. Pratt & Son | Troy | 13.02 | GH | 8,907 | 341.5 |
| Mrs. Charles Leonard | Troy | 24.87 | RJ | 6,606 | 339.7 |
| J. Harold Bohlayer | Troy | 10.52 | GMS | 8,521 | 328.2 |
| Earl Benedict & Son | Canton | 14.36 | Mixed | 7,222 | 322.9 |
| Paul Manley & Son | Troy | 17.44 | Mixed | 6,848 | 320.5 |
| Volney Greenough | Granv. Summit | 17.41 | GG:GH | 7,088 | 318.1 |
| O. G. Anderson & Son | Troy | 19.17 | RH | 8,478 | 304.4 |

Western Bradford D. H. I. A., Year Ending Oct. 31, 1942

Harold Carpenter, Troy (resigned Oct. 31), Adrian Binford, Troy, Testers

| | | | | | |
|---------------------------|---------------|-------|-----------|--------|-------|
| G. E. Beach & Son | Col. X Roads | 12.66 | RH | 11,516 | 429.5 |
| George & Mark Scott* | Troy | 34.64 | R:GH | 11,017 | 396.1 |
| J. W. Burnham | Troy | 20.33 | RH | 9,847 | 371.1 |
| Clarence Beach | Col. X Roads | 16.57 | RH | 10,883 | 371.1 |
| Hosea Wolfe | Col. X Roads | 18.22 | RH | 10,249 | 361.7 |
| J. M. Rockwell & Son | Troy | 20.75 | R:GH | 10,318 | 350.0 |
| Harry Cory | Troy | 15.88 | Mixed | 8,494 | 347.3 |
| Dwight Nash | Troy | 9.90 | Mixed | 7,853 | 344.7 |
| Solomon Peters | Troy | 7.03 | RH | 10,868 | 344.5 |
| Ray Sherman | Troy | 8.66 | Mixed | 6,591 | 329.1 |
| W. W. Beaman & LaRue Ritz | Troy | 31.15 | R:GH:GJ | 8,594 | 326.0 |
| Roy Stuckless | Troy | 21.91 | R:GH:R:GG | 7,309 | 321.7 |
| Leslie Ameigh | Gillett | 23.99 | R:GJ:Mix. | 6,758 | 319.1 |
| Mrs. Alice Harper | Troy | 14.09 | P:GG | 7,189 | 306.8 |
| John McClure | Snedekerville | 19.09 | R:GJ | 5,422 | 300.0 |

Ulster D. H. I. A., Year Ending July 31, 1942

Arthur Young, Ulster, Ray Arnold, R.D. 3, Towanda, Pa., Testers

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|-----------------------|-----------------|-----------------|----------|--------------|-------------|
| Damon R. Young | Milan, Pa. | 10.80 | RJ | 8,752 | 495.3 |
| H. J. Layman | Ulster | 19.33 | R:GJ:GH | 9,684 | 426.2 |
| H. G. vonWolffradt | Athens | 19.76 | RJ | 7,794 | 424.5 |
| Charles S. Chaffee | Ulster | 27.18 | RH | 10,992 | 423.0 |
| L. A. Harris | Milan | 13.90 | RJ | 6,649 | 417.0 |
| Alvin O. Huff | Milan | 12.33 | RJ | 6,613 | 416.7 |
| Raymond B. Arnold | Milan | 32.50 | RGH:Mix. | 10,519 | 389.7 |
| M. R. & A. B. Humpton | Milan | 16.79 | RJ | 6,968 | 381.1 |
| E. E. Wilson | Nichols, N. Y. | 12.02 | GJ | 7,795 | 366.2 |
| G. I. Kingsley | East Smithfield | 11.61 | GH | 9,490 | 365.7 |
| B. E. Horton | Ulster | 30.83 | GJ:Mix. | 6,788 | 361.3 |
| Francis Horton | Ulster | 14.99 | RJ | 6,740 | 357.7 |
| H. W. Russell | Orwell | 19.20 | R:GH | 9,096 | 352.2 |
| H. C. Shores & Son | Milan | 33.28 | RGH:PGJ | 8,563 | 344.4 |
| Clarence Jenny* | Milan | 15.02 | RGJ:GG | 6,767 | 341.9 |
| C. J. Bresee | Ulster | 17.41 | R:PJ | 6,818 | 341.8 |
| E. A. Keeler | Milan | 11.38 | RJ | 6,296 | 339.1 |
| R. W. Shubert | Athens | 35.23 | RGH:GG | 9,243 | 331.0 |
| I. P. Chaffee | Towanda | 24.32 | RJ | 5,780 | 318.3 |
| M. A. Cranmer | Ulster | 38.85 | GH:Mix. | 7,789 | 310.9 |
| Chas. W. Chandler | Athens | 13.02 | R:GG | 6,387 | 309.2 |

*Milked three times daily for 3 months.

*Record made in 11 months.

Wyalusing D. H. I. A., Year Ending July 31, 1942

Julius Rosengrant, c/o Co. Agent, Towanda, Pa.; Boyd Strickland, Resigned, Testers

| | | | | | |
|----------------------|-------------|-------|------|--------|-------|
| M. V. Bennett | Laceyville | 16.69 | RJ | 9,114 | 508.3 |
| John H. Howard | Wyalusing | 24.84 | RH | 12,512 | 452.4 |
| R. L. Blocher* | Wyalusing | 16.61 | R:GH | 12,238 | 424.8 |
| Karl Shiner | Towanda | 30.91 | GJ | 7,821 | 417.1 |
| E. M. & P. M. Miller | Towanda | 14.98 | RH | 10,594 | 405.2 |
| Earl A. Browning | Wyalusing | 27.36 | RH | 11,561 | 404.3 |
| George Kerrick | Towanda | 27.37 | RH | 11,415 | 400.5 |
| Ralph Culver | Laceyville | 29.36 | R:GH | 11,402 | 392.8 |
| O. L. Fish | Wyalusing | 16.84 | RH | 9,836 | 391.1 |
| Welbec Farms | Wyalusing | 41.99 | RG | 7,702 | 387.1 |
| S. Frank Van De Mark | Sugar Run | 13.49 | RH | 10,505 | 375.1 |
| G. H. Turrell | Sugar Run | 13.13 | R:GH | 9,961 | 371.8 |
| W. B. Kennedy, Est. | Wyalusing | 27.67 | RH | 10,429 | 366.2 |
| Fisher Welles** | Wyalusing | 20.70 | R:GH | 9,761 | 361.4 |
| L. L. Allis | Rummerfield | 22.52 | RH | 9,694 | 339.5 |
| Samuel Culver | Laceyville | 18.42 | RH | 9,807 | 337.1 |
| Taylor McCarty | Sugar Run | 19.18 | RH | 8,749 | 329.9 |
| A. L. Burlington | Wyalusing | 35.46 | RH | 9,637 | 315.5 |

*Milked three times daily for 5 months.

**Record made in 10 months.

BUCKS COUNTY

Harrison Myers, Chalfont; Russell Pitt, Doylestown; Earl Baum, North Wales; Earl Whitman, Dublin; Eugene Hite, Doylestown; Robert Rausch, Ivyland; Alfred Bleiler, Doylestown; William Campbell, Doylestown; Theodore Westberg, Doylestown, Testers

| | | | | | |
|-------------------------|----------------|-------|----|--------|-------|
| George Hunsberger | Plumsteadville | 11.00 | RH | 14,134 | 518.9 |
| Philip W. Smith | New Hope | 34.35 | RG | 10,344 | 518.8 |
| A. D. Thayer | Gwynned Valley | 56.73 | RG | 9,795 | 506.6 |
| Marion Harper* | Newtown | 15.90 | RH | 14,170 | 505.7 |
| E. F. Stewart | Colmar | 17.09 | RG | 9,599 | 495.5 |
| School of Horticulture* | Ambler | 15.71 | RJ | 8,968 | 482.2 |
| Samuel H. Tendler | Chestnut Hill | 21.76 | RG | 9,276 | 477.5 |
| Joseph W. Hallowell | Ivyland | 26.96 | RH | 13,356 | 475.7 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|---|------------------|-----------------|---------|--------------|-------------|
| Joseph O. Canby* | Hulmeville | 55.41 | RH:R:GG | 11,980 | 474.8 |
| C. H. Smith and Son | Wycombe | 29.76 | RG | 9,064 | 459.7 |
| F. G. Williamson | New Hope | 16.62 | RG | 8,934 | 437.6 |
| Dr. George Kuesel | Wycombe | 22.94 | R:GG | 9,156 | 435.1 |
| George School Farm** | George School | 24.56 | RH | 12,588 | 433.0 |
| Amos Bryan* | Perkasie | 28.82 | RG | 8,138 | 427.7 |
| J. S. & M. R. Briggs*** | Yardley | 27.58 | RG | 8,798 | 426.6 |
| J. Howard Cliffe | Ivyland | 25.86 | RG | 8,258 | 422.3 |
| Wm. F. Fretz* | Pipersville | 61.81 | RG | 8,187 | 419.8 |
| H. W. Detweiler | Perkasie | 24.29 | RH | 11,694 | 411.6 |
| P. J. Baur* | Springhouse | 45.45 | RG | 8,549 | 409.8 |
| R. H. Anderson**** | Doylestown | 14.76 | RJ | 8,224 | 406.9 |
| T. H. Kleinhoff | Doylestown | 12.56 | RG | 8,218 | 406.1 |
| Mrs. Bertha Ulrich | Perkasie | 29.30 | RJ | 8,106 | 403.7 |
| Alvin Worthington | Newtown | 26.40 | R:GG | 7,978 | 402.3 |
| Homer Wentz | Quakertown | 18.08 | R:GH | 11,149 | 401.8 |
| Trustees of University of Pennsylvania | Philadelphia | 49.77 | RG | 7,832 | 401.6 |
| Chadick Farm | Line Lexington | 23.92 | RG | 7,995 | 401.5 |
| J. P. Cole* | Richboro | 49.32 | RA | 9,715 | 400.0 |
| Edward Satterthwaite | Newtown | 26.38 | RH | 11,578 | 399.0 |
| Gardenville Farms* | Gardenville | 75.67 | R:GG | 8,440 | 398.0 |
| Mrs. C. S. Jones | Wash. Crossing | 15.46 | R:GH | 10,751 | 395.9 |
| Isaac S. Gross | Plumsteadville | 24.67 | RH | 11,135 | 395.5 |
| W. C. & G. S. Clark | Lahaska | 22.62 | RG | 7,761 | 395.1 |
| Phila. State Hospital Farm* | Philadelphia | 66.14 | GH:GG | 11,421 | 394.8 |
| Williams and Harley | New Hope | 25.49 | R:GG | 8,198 | 393.3 |
| Antonin Raymond | New Hope | 22.12 | RJ | 7,563 | 392.8 |
| Milton O. Satterthwaite | Woodside | 18.32 | RH | 11,429 | 392.1 |
| B. F. Mullins | Pineville | 20.15 | R:GH | 10,758 | 390.9 |
| E. G. Peterson | Yardley | 23.83 | RJ | 7,434 | 390.5 |
| A. S. Mumbauer | Quakertown, R.D. | 7.21 | RA | 9,572 | 389.6 |
| Bucks Co. Home | Doylestown | 26.60 | R:GG | 7,869 | 389.3 |
| Neshaminy Farms | Newtown | 93.38 | RA | 9,064 | 387.1 |
| E. A. Williams | Wrightstown | 18.30 | R:GJ:GG | 7,947 | 383.2 |
| Amos & Helen Satterthwaite | Yardley | 18.73 | RH | 11,190 | 381.7 |
| J. Arthur Shelly | Fountainville | 18.75 | R:GG | 8,097 | 381.0 |
| Willard W. Wright | Yardley | 23.87 | RH | 11,204 | 379.0 |
| Dr. F. M. Garver | Ivyland | 21.56 | RG | 8,062 | 370.5 |
| Miss A. G. Senior | Tinicum | 17.01 | RJ | 6,543 | 370.1 |
| Clarence S. Lear | Gardenville | 34.52 | R:GJ | 6,930 | 368.2 |
| Wilmer A. Twining | Wycombe | 9.95 | R:GH | 9,891 | 365.8 |
| John L. Stover | Ivyland | 18.09 | R:GH | 10,376 | 363.2 |
| Mrs. G. Fressenden | Buck. Valley | 13.80 | R:GG | 7,511 | 362.9 |
| Partridge Hall Farm | Lahaska | 24.47 | R:GG | 7,448 | 362.5 |
| Homer A. Tomlinson | Newtown | 22.82 | R:GJ | 7,061 | 362.2 |
| John C. Myers | Doylestown, R.D. | 26.78 | R:GJ | 6,496 | 360.1 |
| Ralph T. Crowell | Buckingham | 18.73 | R:GG | 7,421 | 357.9 |
| I. R. & Frank Magill | Doylestown | 22.91 | R:GG | 7,260 | 357.7 |
| Harry Wilson**** | Richboro | 39.39 | R:GH | 9,836 | 355.9 |
| James I. Smith | New Hope | 27.02 | R:GG | 7,162 | 354.2 |
| Ernest Foellner | Ottsville | 32.13 | RH | 9,687 | 353.1 |
| Mrs. F. R. Peck**** | Newtown | 19.26 | RA | 8,579 | 353.0 |
| Lester L. Kurschner | Newtown | 25.45 | Mixed | 7,039 | 350.0 |
| M. Hubert Walton | New Hope | 15.35 | R:GG | 6,793 | 347.9 |
| Alonzo Worthington | Doylestown #1 | 14.56 | R:GH | 10,115 | 346.5 |
| William Penrose, Jr. | Neshaminy | 14.01 | RG | 7,254 | 342.2 |
| Tyson Nimick | New Hope | 11.63 | RA | 8,115 | 338.8 |
| D. W. Whitehead | New Hope | 18.95 | R:GG:RA | 7,168 | 337.8 |
| K. U. Dairies | Holicong | 48.15 | R:GG | 6,882 | 337.7 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|-------------------|----------------|-----------------|-----------|--------------|-------------|
| C. Myers and Son | Perkasie | 12.98 | R:GJ | 6,830 | 337.1 |
| Max Frey | Ottsville | 32.16 | RJ | 6,455 | 335.6 |
| C. L. Wilkinson | Rushland | 33.35 | R:GH | 9,710 | 334.7 |
| D. Robert Kisner | New Hope | 19.88 | R:GJ:P:GH | 7,845 | 333.7 |
| W. H. Doubler | Hartsville | 34.73 | RG | 6,813 | 330.2 |
| Clyde C. Leaver | Mechanicsville | 21.95 | RG | 7,092 | 329.0 |
| E. H. Taylor | Chalfont | 13.07 | R:GJ | 6,217 | 328.1 |
| Carl Eisele | Holland | 18.22 | Mixed | 8,011 | 327.5 |
| I. Edgar Fulmor | Langhorne | 33.95 | R:GH:Mix. | 9,409 | 326.4 |
| John J. Fox | Ivyland | 26.61 | R:GrG | 6,658 | 320.7 |
| Mrs. Minnie Moyer | Quakertown, #2 | 16.75 | R:GA | 7,792 | 317.5 |
| George S. Havens | New Hope | 19.38 | R:GG | 6,502 | 316.2 |
| M. C. Gutman | Newtown | 14.43 | R:GG | 6,545 | 309.7 |
| Greenwood Dairies | Bristol | 12.97 | R:PJ | 5,726 | 305.5 |
| Henry Rosenberger | Chalfont, #1 | 20.43 | RA | 7,430 | 304.0 |
| Frank Oehrle | Hatboro | 23.10 | R:PH | 8,635 | 302.3 |

*Part of herd milked three times daily.
 **Milked three times daily for 5 months.
 ***Milked three times daily for 3 months.
 ****Milked three times daily for 6 months.
 *****Milked three times daily for 4 months.

BUTLER COUNTY

Butler County D. H. I. A., Year Ending June 30, 1942

Herbert Gilmore, Howard McMillen, Oscar Paden, Community Building, Butler, Pa.,
Testers

| | | | | | |
|------------------------|----------------------|-------|------------|--------|-------|
| C. R. Hartzell | Butler, R.D. 6 | 14.66 | RG | 8,600 | 438.1 |
| Paul Blair | Butler, R.D. 6 | 10.38 | RG | 7,945 | 422.4 |
| A. W. Zillfro | Slippery Rock | 9.46 | RJ | 7,030 | 412.2 |
| Simpson Brothers | Butler R.D. 4 | 21.13 | R:GrH:GrG | 11,368 | 400.0 |
| C. I. Davison | Evans City, R.D. 1 | 11.89 | R:GrH:GrG | 8,588 | 392.6 |
| Wolf Creek Farm | Slippery Rock | 10.12 | RG | 7,626 | 392.0 |
| E. S. Montgomery, M.D. | Cabot | 9.14 | RAyr:Mixed | 9,625 | 391.9 |
| E. P. Gifford | Evans City, R.D. 2 | 17.94 | P:GrH | 11,457 | 390.2 |
| Thiele Brothers | Cabot R.D. 1 | 11.53 | R:GrH | 10,970 | 389.6 |
| John L. Schiever | Harmony, R.D. 1 | 30.05 | R:GrJ:GrH | 8,174 | 386.1 |
| Frank J. Cooper | Slippery Rock | 14.72 | R:GrJ | 6,655 | 382.6 |
| C. F. Edgar & Sons | Renfrew, R.D. 1 | 9.70 | RG | 7,658 | 380.9 |
| A. J. Owens | Harrisville | 9.16 | R:GrJ:GrG | 7,554 | 379.7 |
| D. L. Hartzell | Butler R.D. 6 | 10.33 | RH:GrG | 10,323 | 376.5 |
| Clyde Peffer | Portersville | 7.00 | RG | 8,019 | 375.0 |
| Frank V. Patterson | Slippery Rock R.D. 3 | 12.46 | RJ | 6,608 | 372.3 |
| Harper F. Leslie & Son | Sarver R.D. 2 | 14.17 | R:GrH:GrG | 10,040 | 371.5 |
| Oren Brandon | Slippery Rock | 18.72 | R:GrG:GrH | 7,562 | 367.6 |
| O. R. Olson | Portersville, R.D. 1 | 31.71 | RJ | 7,108 | 364.4 |
| Hugh Fergus | Slippery Rock | 38.39 | GrG:GrJ | 7,587 | 358.7 |
| Frank W. Scott | Butler, R.D. 5 | 21.10 | GrH | 10,363 | 356.9 |
| Ira L. Cleland | Harmony R.D. 1 | 26.02 | RJ | 6,816 | 352.1 |
| T. M. Hughes | Natrona Heights | 37.08 | R:GrH:GrG | 10,014 | 351.9 |
| Butler County Home | Butler, R.D. 4 | 18.70 | GrH | 9,782 | 350.0 |
| C. E. Reed | Slippery Rock | 15.03 | RG | 7,640 | 350.0 |
| Clyde Moore | Slippery Rock | 12.68 | R:GrG | 6,943 | 349.2 |
| C. F. Laderer | Portersville | 13.08 | R:GrJ | 6,677 | 346.9 |
| Ross Fleeger | Butler, R.D. 5 | 16.13 | R:GrH:GrG | 8,344 | 340.0 |
| Arthur Dunn | West Sunbury | 10.28 | GrG | 7,345 | 337.5 |
| Guy Sutton | Butler | 15.93 | R:GrG | 7,221 | 337.2 |
| H. E. Kennedy & Son | Cabot, R.D. | 13.06 | R:GrH | 9,622 | 337.0 |
| William B. Boggs | Butler, R.D. 4 | 10.55 | GrG:R:GrH | 7,907 | 336.3 |
| Iveydale Farms, Inc. | Valencia, R.D. 2 | 9.44 | RG | 6,964 | 335.6 |
| G. F. Otto | Harmony R.D. 2 | 24.25 | GrG | 6,807 | 330.3 |
| C. B. Wachsmuth | Portersville, R.D. 1 | 13.22 | RG | 6,675 | 328.4 |
| Ralph Hay | Saxonburg, R.D. | 10.66 | R:GrH | 8,914 | 327.8 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|---------------------|-----------------------|-----------------|-------------|--------------|-------------|
| Merle G. Sutton | Butler, R.D. 1 | 9.30 | R:PG | 7,181 | 326.0 |
| J. A. Midberry | Harrisville 1 | 11.05 | Mixed | 8,073 | 325.5 |
| J. M. Brewer & Son | Saxonburg, R.D. 1 | 14.78 | P:GrG:GrH | 8,569 | 325.0 |
| J. Roy Humphrey | Slippery Rock | 20.01 | RJ | 6,965 | 324.7 |
| A. J. Yost | Butler, R.D. 2 | 16.04 | R:GrG:P:GrH | 6,716 | 323.8 |
| John Amann | Marwood, R.D. | 18.79 | R:GrH | 9,912 | 323.5 |
| Joseph Logut | North Washington | 23.10 | GrG:GrJ | 6,563 | 320.9 |
| L. G. Stoughton | Butler, R.D. 5 | 40.22 | RJ | 6,642 | 317.0 |
| R. C. Neumann | Evans City, R.D. 1 | 15.57 | RH | 9,225 | 316.6 |
| B. H. McCandless | Butler, R.D. 5 | 11.68 | GrH | 8,912 | 316.0 |
| Frank Pflugh | Harmony, R.D. 2 | 16.80 | Mixed | 8,410 | 314.5 |
| R. N. Dickey | Slippery Rock | 18.10 | R:GrG | 6,431 | 313.0 |
| George Sager* | Slippery Rock | 17.79 | R:GrG:Mix. | 6,755 | 312.2 |
| John L. Wise | Harmony, R.D. | 21.42 | R:GrH:GrG | 9,008 | 311.2 |
| Lee Critchlow | Harrisville | 22.01 | R:GrJ | 5,919 | 310.2 |
| J. E. Moniot | Portersville, R.D. 2 | 19.07 | GrG | 6,394 | 309.8 |
| Albert Pflug & Son | Harmony | 18.64 | RAyr | 7,574 | 303.4 |
| J. C. Belles & Sons | Harmony, R.D. 1 | 18.77 | RH | 8,782 | 301.1 |
| E. J. Portman | Butler, R.D. 2 | 36.59 | R:GrG:Mix. | 7,052 | 300.0 |
| George Galan & Sons | Butler, R.D. 4 | 10.00 | RH:GrG | 7,770 | 299.2 |
| D. P. Ifft & Son | Butler, R.D. 5 | 20.36 | GrH | 8,198 | 299.1 |
| E. F. Brown | Butler, R.D. 6 | 7.83 | RH | 9,579 | 296.7 |
| Elmer Keck | Sarver | 11.85 | R:GrH | 9,467 | 296.7 |
| McCandless Bros. | Butler, R.D. 5 | 25.54 | R:GrJ:GrG | 5,913 | 296.6 |
| A. J. Lang | Cabot, R.D. | 16.26 | RH | 8,840 | 295.7 |
| R. W. Cramer & Sons | Freeport, R.D. | 29.67 | R:GrH | 8,595 | 294.5 |
| Robert Collins | Tarentum, R.D. 1 | 14.05 | R:GrH:GrG | 7,969 | 294.2 |
| W. H. Rodgers | Slippery Rock, R.D. 4 | 12.20 | R:GrG:GrJ | 6,439 | 292.2 |
| H. P. Kennedy & Son | Valencia, R.D. 2 | 14.50 | R:GrSw:GrG | 7,254 | 290.9 |
| Paul Marburger | Evans City, R.D. 2 | 12.99 | GrG | 6,333 | 267.9 |
| Leroy Gudekunst | Zelienople, R.D. 1 | 13.70 | GrH | 7,484 | 260.8 |
| Part Time Herds | | | | | |
| George Sager | Slippery Rock | 17.79 | R:GrG:Mix. | 6,755 | 312.2 |
| R. L. Farrington | Foxburg | 21.73 | GrG:Mixed | 4,275 | 197.8 |
| Loyal B. Spang | Butler, R.D. 7 | 8.44 | RG | 4,791 | 215.9 |
| Carl H. McCall | Butler, R.D. 3 | 15.95 | Mixed | 2,993 | 118.3 |

*Ten months' record.

CAMBRIA COUNTY

Central Penna. Guernsey Breeders Association (Cambria County) D. H. I. A.,
Year Ending Feb., 28, 1942

Merle D. Neely, Tester, Dormont, Pa.

| | | | | | |
|------------------------|-------------------|-------|-----------|-------|-------|
| John N. Griffith | Ebensburg, R.D. | 20.31 | R:GG:H:GH | 9,021 | 401.6 |
| J. H. Friedhoff | Johnstown, R.D. 2 | 9.00 | H:GH | 9,103 | 378.9 |
| Webster Griffith Est. | Ebensburg | 24.32 | RG | 7,074 | 368.4 |
| Frank H. Berkey | Johnstown, R.D. 2 | 9.64 | GG:Mix. | 7,758 | 366.6 |
| Elmer Hughes | Ebensburg | 12.93 | Mix. | 8,647 | 363.0 |
| E. J. Farabaugh | Loretto, R.D. | 23.75 | RG | 7,155 | 351.3 |
| Cambria County Home | Ebensburg | 33.27 | R:GH | 9,523 | 347.5 |
| L. W. Kline | Cresson | 19.37 | GrG | 7,169 | 342.7 |
| Galen R. Metzger | Johnstown 1 | 20.18 | R:GH:Mix. | 7,560 | 337.1 |
| Charles A. Itle & Sons | Cresson | 35.81 | R:GG | 6,772 | 324.1 |
| Sisters of Mercy | Loretto, R.D. | 14.64 | R:GG:GrH | 6,496 | 324.0 |

CENTRE COUNTY

Centre County D. H. I. A., Year Ending July 31, 1942

Thomas Fox, Mill Hall, Pa.; Ira Whiteman, Oak Hall Station, Pa.; Richard Gundrum,
Lewistown, Pa.; Testers

| | | | | | |
|-----------------------|---------------|-------|-----------|--------|-------|
| Western Penitentiary* | Bellefonte | 87.14 | R:GrH | 18,052 | 627.1 |
| Ellis D. Rearick | Millheim | 13.52 | RH | 15,054 | 523.6 |
| Hugh L. Wilson | Warriors Mark | 19.25 | R:GrJ:GrH | 11,472 | 523.3 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|-----------------------|---------------|-----------------|-------------------------|--------------|-------------|
| Penna. State College* | State College | 131.85 | RA:R:Br:Sw: RG:RH:RJ | 11,307 | 468.9 |
| F. E. MacIntire | Rebersburg | 17.19 | RH | 13,264 | 448.6 |
| J. Harold Long** | Salona | 7.84 | GrH:GrG | 10,513 | 441.4 |
| T. C. Kryder | Mill Hall | 11.31 | RH | 12,546 | 439.4 |
| W. L. Confer & Son | McElhattan | 13.55 | R:GrH | 12,047 | 432.6 |
| Harold B. Hayes | Salona | 17.65 | GrH:GrG | 11,110 | 432.0 |
| Harry E. Confer | Howard | 7.60 | R:GrH | 11,733 | 418.7 |
| Loudon Kyle | Mackeyville | 22.25 | RH | 11,522 | 418.5 |
| E. M. Peters | Port Matilda | 10.37 | RH | 10,855 | 418.3 |
| P. P. Henshall | Centre Hall | 20.32 | R:GrH | 11,568 | 412.4 |
| J. B. Strunk | Mill Hall | 25.59 | GrH:GrG | 11,005 | 407.4 |
| Fox Brothers | Mill Hall | 12.78 | R:GrH | 11,074 | 396.4 |
| Frank Bitner | Mill Hall | 8.53 | RH | 11,474 | 395.9 |
| W. R. Camerer | Jersey Shore | 14.61 | GrH | 10,686 | 393.9 |
| J. Kline Confer | Salona | 12.45 | R:GrH | 11,320 | 392.4 |
| W. E. Hackman | Rebersburg | 9.83 | RJ | 7,781 | 391.1 |
| S. F. Esterline | Green Burr | 11.87 | RJ | 6,997 | 390.0 |
| Locust Lane Farm | Beech Creek | 16.64 | RG | 8,282 | 389.2 |
| F. W. Ingram | Salona | 10.15 | R:GrH | 10,723 | 387.6 |
| G. W. Ralston & Son | Centre Hall | 20.22 | R:GrG | 8,058 | 385.6 |
| Mill Brook Farm* | Mill Hall | 42.50 | RH | 10,425 | 379.0 |
| George E. Weight | Bellefonte | 15.77 | R:GrH | 11,132 | 374.6 |
| Charles N. Schenck | Howard | 14.62 | GfH | 10,220 | 371.6 |
| M. Earl Confer | Howard | 9.56 | R:GrH | 9,955 | 370.4 |
| Harry M. Smith | Bellefonte | 26.93 | R:GrH | 10,337 | 367.7 |
| J. G. Confer | McElhattan | 9.94 | R:GrH | 10,462 | 367.6 |
| Claud Bechdel | Beech Creek | 12.79 | R:GrH | 10,939 | 365.4 |
| D. Q. Farm | Beech Creek | 12.13 | R:GrG | 7,542 | 358.9 |
| W. N. Knecht | Mill Hall | 14.98 | R:GrH | 10,965 | 357.7 |
| A. C. Rockett | Bellefonte | 13.22 | RH | 10,392 | 352.0 |
| William H. Geist | Warriors Mark | 15.36 | Mix. | 8,147 | 347.2 |
| E. T. Bechdel, Estate | Blanchard | 18.33 | R:GrH | 9,884 | 346.8 |
| E. R. Owens | Bellefonte | 20.47 | GrH:GrG | 9,340 | 344.4 |
| Fern T. Dunkle | Howard | 10.50 | GrH | 10,392 | 342.9 |
| Frank Keller | Bellefonte | 15.82 | P:GrH | 9,671 | 342.4 |
| Guy W. Stearns | Bellefonte | 11.93 | GrH:GrG | 8,604 | 335.1 |
| George Bigelow | Rebersburg | 13.26 | Mix. | 7,903 | 327.4 |
| Eugene Ellenberger | Warriors Mark | 14.58 | R:PJ | 5,995 | 320.5 |
| Charles Way | Bellefonte | 15.42 | R:GrG:Mix. | 7,618 | 319.5 |
| C. Lester Bartley | Bellefonte | 17.82 | R:GrH | 9,312 | 318.3 |
| Ward C. Krape | Bellefonte | 21.50 | GrH | 9,742 | 317.5 |
| George Hosterman | Spring Mills | 9.69 | RG | 7,051 | 315.2 |
| Frank Powell | Spring Mills | 10.48 | GrG:GrH | 7,615 | 315.2 |
| Shoemaker Brothers | State College | 30.69 | R:GrH | 9,167 | 313.7 |
| Clair F. Burns | Warriors Mark | 15.51 | GrH:Mix. | 7,549 | 308.7 |
| G. G. Grieb & Sons | Tylersville | 21.15 | R:GrG | 6,465 | 307.5 |
| Samuel Mattern | Port Matilda | 10.31 | Mix. | 7,471 | 305.8 |
| Lewis W. Baylets | Bellefonte | 9.30 | R:GrH | 8,605 | 302.5 |
| Homestead Dairy | Mill Hall | 18.10 | R:GrH | 9,421 | 300.8 |
| LeRoy Wagner*** | Spring Mills | 16.08 | GrH:GrG | 7,479 | 300.2 |

*Milked three times daily.

**Milked 4 times daily.

***Milked three times daily for 6 months.

CHESTER COUNTY

Avon-Grove D. H. I. A., Year Ending April 30, 1942

Daniel J. Walters, Tester, Landenberg, Pa.

| | | | | | |
|----------------------|-------------------|-------|-----------|--------|-------|
| F. Gurney Fine, Jr. | Pottstown, R.D. 1 | 20.68 | Mix. | 11,585 | 450.3 |
| Chester County Home | Embsville | 64.91 | RH | 11,022 | 399.2 |
| Mrs. Florence Hobson | Avondale | 16.16 | GrG:GrJ | 8,066 | 387.7 |
| Arthur C. Harvey | West Grove | 27.53 | R:GrH:GrJ | 9,325 | 386.8 |

| Name of Owner | Address | Av. No. | Breed | Lbs. Milk | Lbs. Fat |
|---------------------|---------------------|---------|------------|-----------|----------|
| William Hobson | Avondale | 13.66 | GrJ | 7,373 | 380.6 |
| Harold G. Windle | Cochranville | 34.97 | Mix. | 8,858 | 377.4 |
| Wilson & Sutphin | Oxford | 20.99 | GrG | 8,042 | 373.5 |
| Paul Coates | Coatesville, R.D. 3 | 34.55 | R:GrJ | 7,201 | 359.8 |
| W. T. Worth | Landenberg | 31.14 | R:GrH | 9,508 | 357.0 |
| Jesse Willis | Lincoln University | 36.24 | R:GrG | 7,468 | 353.1 |
| Charles Canby | Landenberg | 27.07 | RG | 7,394 | 347.4 |
| Ralph H. Neel | Cochranville | 19.04 | RH | 10,272 | 346.7 |
| H. Kirk Brown & Son | Oxford | 37.17 | R:GrG | 6,952 | 342.2 |
| Edward Slade | Landenberg | 13.70 | R:GrG | 7,148 | 339.6 |
| Guy E. Sawyer | Chadds Ford | 15.34 | RG | 7,110 | 332.5 |
| Charles Hearne | Cochranville | 13.32 | Mix. | 7,549 | 325.5 |
| Edgar T. Haines | West Grove | 30.00 | Gr | 6,831 | 321.1 |
| Howard Wickersham | Kelton | 46.97 | RG | 6,893 | 317.0 |
| Ralph Vannoy | Lincoln University | 26.95 | R:GrG:Mix. | 6,949 | 314.4 |
| Warner Ginn | Landenberg | 18.45 | GrG | 6,333 | 307.7 |

Chester Valley D. H. I. A., Year Ending March 31, 1942

Warren Shingle, Downingtown; John McAllister, Court House Annex, West Chester, Pa., Testers

| | | | | | |
|------------------------|--------------|-------|-----------|--------|-------|
| Richland Farm | West Chester | 30.32 | R:GrH | 12,238 | 465.9 |
| Wm. M. Lloyd | Downingtown | 32.87 | RJ | 8,463 | 410.3 |
| Frank A. Keen | West Chester | 27.84 | RH | 11,569 | 408.6 |
| H. B. Baird | West Chester | 28.04 | R:GrG | 8,489 | 403.8 |
| Jos. A. Bicking Estate | Whitford | 28.68 | GrG | 7,365 | 372.0 |
| David Wright | West Chester | 39.37 | R:GrJ:GrG | 7,868 | 366.6 |
| Echolo Farm | West Chester | 32.55 | R:GrJ | 7,252 | 360.0 |
| J. W. B. Bausman, Jr. | Thorndale | 36.46 | R:Ayr:GrH | 8,887 | 344.4 |
| Wilson S. Yerger | Malvern | 39.83 | RAyr | 7,585 | 314.7 |
| J. Edgar Butler | Uwchland | 29.78 | Mix. | 6,556 | 309.7 |
| H. W. Biddle | Lionville | 44.08 | R:GrG | 6,225 | 305.9 |
| Thomas C. Harvey | West Chester | 32.45 | GrG:Mix. | 6,435 | 303.3 |
| James Latta & Sons | Parkesburg | 21.36 | GrG | 5,993 | 301.7 |

Coventry D. H. I. A., Year Ending Dec. 31, 1943

Miss Ada Symington, Tester, West Chester

| | | | | | |
|-------------------------|-------------------|--------|-------------|--------|-------|
| Sherman H. Burbank | Pottstown, R.D. 2 | 16.48 | R:GG | 8,866 | 447.4 |
| William M. High | Phoenixville | 16.05 | RH | 11,372 | 405.5 |
| Warwick Furnace Farm | Glen Moore | 64.26 | GrG | 8,515 | 404.5 |
| Pennhurst State School* | Spring City | 103.70 | PH | 11,301 | 404.4 |
| Valley Hill Farm | Phoenixville | 42.40 | R:GG | 8,022 | 390.6 |
| Rudolph Grubb | Pottstown, R.D. 2 | 24.33 | R:GG | 8,132 | 384.3 |
| Harry J. Bickel | Pottstown, R.D. 1 | 21.36 | RH:R:GG | 10,138 | 383.7 |
| Furman H. Gyger | Kimberton | 32.64 | RH | 10,972 | 379.3 |
| H. R. Swavely | Pottstown | 46.86 | GrH:GrG | 9,925 | 376.4 |
| Harvey Fisher | Phoenixville | 17.14 | R:GrH:R:GrJ | 9,270 | 368.4 |
| Rudolph Kulp | Pottstown | 23.46 | RAyr | 8,772 | 363.2 |
| Homer L. Stoltzfus | Pottstown | 26.74 | RH | 9,409 | 326.9 |
| Walter Hibberd | Birchrunville | 22.52 | RG | 6,931 | 326.4 |
| Laurel Locks Farms* | Pottstown | 179.04 | RG | 6,255 | 314.8 |
| Harry Hause | Elverson | 25.84 | GrG | 6,618 | 314.3 |
| Henry White | Birchrunville | 16.43 | PG | 6,128 | 313.9 |

*Milked three times daily for 3 months.

Oxford D. H. I. A., Year Ending Nov. 30, 1942

Maurice Stump, Tester, Box 202, Oxford, Pa.

| | | | | | |
|----------------------|--------------|-------|---------|-------|-------|
| Mrs. Louise Wade | Chatham, Pa. | 44.24 | Mix. | 7,354 | 348.9 |
| Caleb Chambers & Son | West Grove | 15.68 | GrH:GrG | 8,539 | 340.1 |
| D. L. Gallagher | Peach Bottom | 66.92 | R:GrG | 6,958 | 336.8 |
| William B. Roberts | Landenberg | 18.82 | R:GrG | 6,348 | 330.2 |
| Er. Edward A. Webb | Avondale | 27.86 | R:GrG | 6,863 | 325.7 |

| Name of Owner | Address | Av. No. | Breed | Lbs. Milk | Lbs. Fat |
|---------------------------|--------------------|---------|--------------|-----------|----------|
| Dickey & Lund | Oxford | 38.77 | GrG | 6,641 | 323.6 |
| Hayes Lindsey | Oxford | 19.17 | GrG:GrH | 6,725 | 319.6 |
| Remy Hourdequinn | Avondale | 19.04 | GrG | 6,207 | 311.9 |
| O. W. Shortlidge & Mills | Lincoln Univ. | 38.28 | GrG | 7,035 | 311.4 |
| H. S. Gatchell | Peach Bottom | 17.75 | RJ | 7,435 | 429.6 |
| Howard Wollaston | Toughkennamon | 19.13 | RJ | 8,436 | 428.2 |
| Longwood Farm* | Kennett Square | 48.36 | RG | 8,034 | 421.0 |
| E. H. Bailey & Sons | Oxford | 41.25 | RG | 7,878 | 401.5 |
| Lincoln University Farm | Lincoln University | 29.13 | RH | 10,344 | 400.8 |
| Thomas Sloan | Oxford, Pa. | 19.68 | R:GrG:GrH | 8,694 | 398.0 |
| O. W. Shortlidge & Counts | Lincoln University | 35.21 | GrH:GrG | 8,334 | 391.7 |
| Wendell R. Swint | Landenberg | 8.56 | RG | 7,688 | 375.1 |
| Hays & Shoemaker | Oxford | 20.67 | R:GrH:GrG | 9,180 | 369.9 |
| H. L. Stubbs | Oxford | 25.20 | RH:GrG | 9,206 | 368.0 |
| Charles Lawrie | Oxford | 22.09 | GrG | 8,508 | 366.6 |
| Thomas Clement | Lincoln Univ. | 18.36 | RH | 10,795 | 365.6 |
| Everett Holt | Lincoln Univ. | 26.03 | R:GrJ | 7,239 | 362.1 |
| Lewis J. Brown | Nottingham | 33.75 | GrH:GrG:Mix. | 8,888 | 357.3 |
| Conner & Killinger | Avondale | 53.35 | RJ | 6,614 | 357.2 |
| Edward H. Goodwin | West Grove | 23.39 | R:GrJ | 6,878 | 353.0 |

*Part of herd milked three times daily.

West Chester D. H. I. A., Year Ending Oct. 31, 1942

Shannon Pepple, Tester, West Chester, Pa., R.D.

| | | | | | |
|----------------------|----------------|-------|------------|--------|-------|
| Charles Massinger | Phoenixville | 31.39 | RJ | 8,869 | 456.5 |
| Liseter Farm* | Newtown Square | 79.02 | RG | 8,622 | 435.1 |
| Delaware County Home | Lima | 14.22 | R:GrH | 12,423 | 432.6 |
| E. Page Allinson | West Chester | 39.03 | RH:R:GrG | 11,145 | 421.2 |
| John F. Lewis, Jr. | Morstein | 50.14 | RG | 9,547 | 387.9 |
| Roselawn Farm | Malvern | 35.92 | RAyr | 8,400 | 376.4 |
| Johar Farm** | Coatesville | 26.93 | RG | 7,339 | 372.7 |
| Cold Springs Farm | West Chester | 10.51 | RJ | 6,331 | 370.6 |
| Westtown School Farm | Westtown | 49.93 | R:GrG:Mix. | 8,626 | 366.6 |
| Robert Brinton | West Chester | 57.39 | RH | 9,882 | 365.8 |
| Esco Farm | West Chester | 55.70 | RG | 6,931 | 361.9 |
| C. C. Renshaw | West Chester | 14.26 | RG:GrJ | 6,887 | 344.1 |
| Echolo Farm | Westtown | 34.65 | RJ | 6,417 | 342.1 |
| Russell B. Jones | Westtown | 49.43 | R:GrH | 9,484 | 342.0 |
| Fox Creek Farm | Devon | 35.30 | RJ | 5,980 | 329.2 |
| Dr. Clyde Spangler | Concordville | 41.93 | RA:R:GrH | 8,400 | 322.9 |
| Marshall Jones, Jr. | Westtown | 50.33 | R:GrH | 8,850 | 320.8 |
| Garnett Williamson | Newtown Square | 36.87 | R:GrG:GrH | 7,569 | 315.9 |
| Dunwoody Home Farm | Newtown Square | 23.03 | RAyr | 7,617 | 314.9 |
| A. Rodman Woodward | Hockessin | 15.05 | R:GrG:GrH | 6,451 | 309.5 |
| Oakland Dairy Farm | Whitford | 33.92 | R:GrJ | 5,769 | 300.1 |

*Milked three times daily for 11 months.

**Milked three times daily for 9 months.

CLARION COUNTY

1st Clarion County D. H. I. A., Year Ending July 31, 1942

George Cole, Vermont Hosier, Horace Jackson, Jr., Testers, Clarion, Pa.

| | | | | | |
|--------------------|-------------------|-------|---------|--------|-------|
| R. H. Shook | Sligo, R.D. | 22.09 | R:GG | 8,977 | 452.7 |
| J. E. Shook | Sligo, R.D. | 11.31 | R:GG | 8,783 | 449.2 |
| Gruber Brothers | Hawthorn | 18.04 | R:GG | 8,979 | 426.7 |
| Mrs. W. H. Fleming | New Bethlehem | 7.15 | RG | 9,408 | 425.0 |
| E. H. DeVilder | Miola | 18.40 | RG | 7,774 | 419.2 |
| E. C. Frampton | Sligo, R.D. | 16.68 | R:GG | 8,448 | 416.9 |
| F. L. Stahlman | New Bethlehem | 8.19 | RG | 7,937 | 413.1 |
| J. P. C. King | Summerville, R.D. | 5.47 | RH | 11,927 | 408.5 |
| O. S. Burnham | Corsica, R.D. | 17.58 | R:GG | 8,608 | 407.2 |
| A. A. Ditz | Fryburg | 15.95 | R:GG:GH | 9,354 | 406.2 |
| H. B. Hartman | Sligo, R.D. | 16.33 | RG | 7,308 | 405.7 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|-----------------------|-----------------------|-----------------|-----------|--------------|-------------|
| H. B. Truitt & Son | Fairmount City, R.D. | 16.67 | P:GG | 8,022 | 404.3 |
| Wm. & C. A. McCauley | New Bethlehem, R.D. | 26.27 | RH | 11,729 | 398.7 |
| W. W. Kirkpatrick | New Bethlehem, R.D. | 7.82 | RH:GG | 9,016 | 398.2 |
| Paul Murray | Sligo, R.D. | 11.74 | R:GG | 7,456 | 389.7 |
| A. F. Hartman & Son | New Bethlehem, R.D. | 15.29 | R:GG | 8,441 | 384.3 |
| Frank Pence | New Bethlehem, R.D. | 23.35 | P:GG | 8,444 | 382.9 |
| J. W. M. Gruber & Son | Shippensburg, R.D. | 49.11 | R:GG | 7,748 | 382.8 |
| R. L. Fleming | New Bethlehem, R.D. | 22.77 | RG | 7,585 | 379.5 |
| C. A. & D. C. Wagner | New Bethlehem, R.D. | 12.09 | R:GG | 7,733 | 378.3 |
| H. L. Lucas | Mayport, R.D. | 21.42 | R:GH | 10,975 | 374.0 |
| George Hoover | New Bethlehem, R.D. | 16.73 | R:GG:GH | 7,929 | 362.4 |
| Arnold Lehner | Rimersburg, R.D. | 19.47 | R:GG | 7,397 | 359.8 |
| C. L. Risher | East Brady | 32.55 | R:GG:RH | 8,032 | 355.3 |
| Walter Miller | Mayport, R.D. | 16.49 | GG | 7,319 | 351.8 |
| Arnold Shick | Mayport, R.D. | 13.22 | P:GG | 7,061 | 347.3 |
| M. R. Minnich | New Bethlehem, R.D. | 8.70 | R:GH:GG | 8,562 | 347.3 |
| H. G. Mahle | Miola | 10.01 | R:GG | 6,738 | 345.0 |
| O. E. Barto | Sligo, R.D. | 11.07 | R:GG | 6,670 | 344.1 |
| Clarence Pence | New Bethlehem, R.D. | 11.58 | R:GG | 6,617 | 339.0 |
| Eugene Pyne | Rimersburg, R.D. | 14.41 | R:GG:GH | 7,027 | 337.1 |
| Walter Willison | Rimersburg, R.D. | 13.17 | RG | 6,757 | 329.1 |
| J. E. Over | Sligo, R.D. | 8.79 | R:GG | 6,577 | 327.9 |
| Roy D. Miller | Fairmount City, R.D. | 7.81 | R:GG | 6,970 | 326.8 |
| Clarion County Home | Sligo, R.D. | 14.75 | P:GG:R:GH | 6,368 | 322.5 |
| Paul McCall | Sligo, R.D. | 8.28 | RG | 6,572 | 322.4 |
| E. E. Carrier | Mayport, R.D. | 19.95 | R:GG:GH | 7,066 | 321.7 |
| M. S. Stewart & Son | Parkers Landing, R.D. | 21.68 | RG | 6,759 | 317.0 |
| Parker View Farm | Parkers Landing, R.D. | 31.82 | RG | 6,761 | 302.0 |

CLEARFIELD COUNTY

Clearfield County D. H. I. A., Year Ending Sept. 30, 1942

Orvis Delcamp, Tester, Clearfield, Pa.

| | | | | | |
|-----------------------|--------------------|-------|------------|--------|-------|
| White Oaks Farm | | | | | |
| (W. A. E. Leitzinger) | Clearfield | 23.96 | RJ | 9,559 | 519.8 |
| Max Forcey | Woodland, R.D. | 26.55 | R:GrJ | 9,406 | 479.5 |
| Jesse L. Hutton | Mahaffey, R.D. | 6.84 | RG:GrJ | 8,385 | 446.2 |
| C. V. Fink | Woodland, R. 1 | 23.97 | R:GrJ:Mix. | 8,979 | 440.5 |
| Wendell Turner | Philipsburg, R.D. | 27.10 | GrJ:GrH | 9,646 | 424.8 |
| Leonard Heidt | Curwensville, R.D. | 11.77 | R:GrH | 10,545 | 417.2 |
| Morris W. Shimmel | West Decatur | 14.81 | GrH:GrJ | 10,508 | 413.7 |
| Belle Vue Farm | Bigler | 24.02 | P:GrJ | 7,380 | 413.1 |
| (Harry Gearhart) | | | | | |
| Charles Chilcotte | Morrisdale | 11.04 | R:GrH | 10,422 | 408.9 |
| D. T. Mitchell, Jr. | Mahaffey, R.D. 2 | 20.13 | R:GrJ | 7,316 | 393.1 |
| J. H. Smith & Son | DuBois, R. 2 | 19.25 | GrG | 7,845 | 392.0 |
| C. W. Peters | Woodland, R.D. | 20.94 | P:GrJ | 7,569 | 378.1 |
| Don McKeehen | Kerrmoor, R.D. | 12.43 | GrG | 7,660 | 377.1 |
| S. R. Thompson | Philipsburg, R.D. | 22.86 | R:GrJ:GrH | 7,940 | 367.6 |
| S. V. McKee* | Westover, R.D. | 26.95 | R:GrG | 7,035 | 341.7 |
| E. P. Young | Westover, R.D. | 11.94 | R:GrJ | 6,329 | 330.7 |
| A. G. Haag | DuBois, R.D. 1 | 14.24 | RG | 6,324 | 320.3 |
| Clearfield Co. Home | Clearfield, R.D. | 19.95 | GrH | 8,675 | 304.1 |

*Part of herd milked 3 times daily for 2 months.

CLINTON COUNTY

Clinton County First D. H. I. A., Year Ending March 31, 1942

Bernard Day, Tester, Loganton, R.D. 2

| | | | | | |
|------------------|---------------------|-------|-----------|--------|-------|
| Sherman Spotts | Beech Creek | 18.99 | PH | 13,500 | 477.1 |
| Glen Dunlap | Beech Creek, R.D. 1 | 8.48 | PG | 8,449 | 429.0 |
| Russell McGill | Salona | 15.13 | GrH:GrG | 10,886 | 380.6 |
| Raymond E. Kable | Jersey Shore | 15.85 | R:GrH | 10,467 | 375.6 |
| Elmer Embick | Loganton | 10.92 | R:GrH:GrG | 9,895 | 374.0 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|------------------|-------------|-----------------|-------------|--------------|-------------|
| Doyle V. Heltman | Mill Hall | 11.36 | R:GrH | 11,044 | 368.1 |
| John C. Boone | Loganton | 9.61 | P:GrG | 7,531 | 365.3 |
| H. C. Hayes | Mackeyville | 19.64 | Mix. | 9,247 | 364.9 |
| Raymond Schrack | Loganton | 11.96 | R:GrH | 10,539 | 360.1 |
| Adam Muthler | Salona | 19.37 | P:GrH:P:GrG | 8,826 | 351.1 |
| Raymond Overdorf | Loganton | 8.04 | Mix.:R:GH | 9,896 | 348.9 |
| J. Eugene Beck | Mackeyville | 14.45 | GrH | 9,631 | 337.9 |
| Charles Irving | Beech Creek | 14.75 | P:GrH:Mix. | 82,433 | 322.7 |
| Joseph Muthler | Beech Creek | 14.45 | GrH:Mix. | 7,474 | 304.2 |

COLUMBIA COUNTY

Columbia-Luzerne D. H. I. A., Year Ending Feb. 28, 1942

Walter F. Teel, Tester, c/o County Agent's Office, Bloomsburg, Pa.

| | | | | | |
|---------------------------|--------------|--------|-------|--------|-------|
| Col. Dorrance Reynolds* | Dallas | 51.12 | RG | 9,774 | 476.0 |
| Sterling Farm* | Alderson | 56.62 | RG | 9,630 | 470.2 |
| Roland H. Seely | Nescopeck | 13.45 | RG | 8,653 | 422.2 |
| J. A. & W. D. Fairchild* | Berwick | 48.34 | RJ:RH | 10,034 | 410.3 |
| George L. Rice & Son | Dallas | 17.02 | RAyr | 9,524 | 404.8 |
| Clarence Hack | Berwick | 55.22 | RG | 7,946 | 394.7 |
| Danville State Hospital** | Danville | 109.88 | P:GrH | 11,464 | 389.2 |
| Shoemaker Brothers | West Wyoming | 27.39 | RH | 10,231 | 378.6 |
| Hillside Farm, Inc. | Truckville | 38.92 | RH:RJ | 9,413 | 369.1 |
| Berwick Creamery Farm | Nescopeck | 26.20 | RH | 10,174 | 338.6 |
| Lake Louise Farm | Dallas | 29.70 | R:GrG | 7,135 | 335.5 |
| C. W. Space | Dallas | 13.13 | Mixed | 8,821 | 331.1 |
| Melvin L. Mosier | Dallas | 13.01 | RH:PJ | 8,444 | 322.7 |
| William Naugle | Hunlock | 10.26 | Mixed | 8,710 | 310.6 |
| K. E. Dieffenbacher | Bloomsburg 1 | 22.24 | RG | 7,120 | 303.3 |
| M. J. Grimes | Catawissa | 15.04 | RG | 6,686 | 301.5 |

*Part of herd milked three times.

**Herd milked three times.

Columbia County #2 D. H. I. A., Year Ending Sept. 30, 1942

Lyle E. Morgan, Columbia Co. Agric. Extension Ass'n.; Harold Plastow, Bloomsburg, Pa.

| | | | | | |
|--------------------------|------------|-------|-------------|-------|-------|
| Samuel Yost | Stillwater | 6.84 | RG | 8,360 | 425.1 |
| Alvin C. Sutliff* | Benton | 24.41 | RG | 8,629 | 411.0 |
| George G. Yost | Benton | 11.86 | R:GrG | 8,268 | 400.7 |
| Eli McHenry | Benton | 12.98 | R:GrG | 7,829 | 394.7 |
| Harold H. Hayman* | Stillwater | 18.74 | RG | 8,148 | 389.9 |
| J. B. Sutliff Estate | Benton | 15.45 | R:GrG | 7,570 | 372.3 |
| Thomas S. Gordner & Sons | Millville | 16.12 | R:GrG | 7,757 | 365.9 |
| C. H. Henrie | Millville | 10.57 | R:GrG | 7,472 | 331.5 |
| Joseph Mendenhall | Benton | 13.76 | R:GrH:R:GrG | 9,924 | 330.1 |
| M. D. Pennington & Son | Benton | 9.48 | R:GrG | 6,934 | 312.2 |
| G. H. McHenry & Sons | Benton | 17.53 | R:GrG | 6,869 | 303.8 |

*Part of herd milked three times daily.

CRAWFORD COUNTY

Centerville D. H. I. A., Year Ending Feb. 28, 1942

Clinton Van Cise, Tester, Centerville

| | | | | | |
|------------------|-----------------|-------|---------|--------|-------|
| Walter White | Centerville | 10.45 | R:GrH | 10,942 | 439.5 |
| James Bradford | Centerville | 10.96 | RG | 8,722 | 415.8 |
| Wayne Langworthy | Centerville | 14.02 | R:GrH | 10,418 | 373.5 |
| Bert Cook | Spartansvurg | 19.50 | GrH | 9,418 | 367.5 |
| August Bart | Tryonville, Pa. | 14.11 | GrG:GrJ | 7,624 | 344.6 |
| E. L. Post & Son | Centerville | 10.84 | R:GrH | 9,491 | 339.5 |
| Ross Howard | Townville | 11.55 | P:GrJ | 6,703 | 337.7 |
| Earl Herbert | Centerville | 14.38 | P:GrH | 9,793 | 336.3 |
| Elmer Magee | Centerville | 16.84 | GrH | 9,027 | 327.6 |
| Rudolph Wood | Titusville | 14.36 | R:GrH | 9,202 | 326.3 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|------------------|--------------|-----------------|-------|--------------|-------------|
| D. V. Hutchinson | Spartansburg | 16.85 | R:GrG | 7,353 | 321.8 |
| Earl Altenburg | Tryonville | 17.99 | Mixed | 6,793 | 306.5 |
| J. K. Clark | Centerville | 19.08 | RH | 9,362 | 305.9 |
| Robert Walker | Centerville | 14.99 | R:GrH | 8,797 | 302.2 |

Western Crawford D. H. I. A., Year Ending Feb. 28, 1942

Albert J. Crowl, Tester, Guys Mills, Pa.

| | | | | | |
|----------------------|-----------------------|-------|-----------|--------|-------|
| Riverside Stock Farm | Cambridge Springs | 23.17 | RJ | 8,387 | 429.6 |
| Joseph Mandle | Conneaut Lake | 10.15 | RG | 8,286 | 428.6 |
| J. S. Patton | Hartstown, Pa. | 25.88 | RH | 11,859 | 423.3 |
| Clifford Hunter | Guys Mills, Pa. | 16.45 | R:GrJ | 8,065 | 421.4 |
| William Brown | Conneaut Lake | 12.71 | GrJ | 7,707 | 412.5 |
| Ivan Virtue | Star Route, Meadville | 23.61 | R:GrJ | 7,785 | 404.9 |
| H. C. Drissel | Saegertown | 15.47 | R:GrJ | 8,131 | 402.4 |
| Mark J. Money | Espyville | 11.57 | GrH | 9,781 | 385.1 |
| Dewitt Rust | Saegertown | 18.04 | RH:GrJ | 9,349 | 368.7 |
| George W. Hazen | Conneaut Lake | 18.10 | R:GrJ:GrH | 8,272 | 368.3 |
| James K. Bennett | Westford | 11.10 | R:GrG | 7,174 | 367.0 |
| Carl Miller | Linesville | 15.41 | R:GrH | 9,830 | 364.0 |
| D. F. Bird | Guys Mills | 14.20 | GrJ:GrG | 7,524 | 356.8 |
| Port Eckles | Venango | 10.44 | R:PG | 7,490 | 355.4 |
| J. R. Free | Conneaut Lake | 12.98 | R:GrH | 9,988 | 352.5 |
| R. T. Gaylord | Adamsville | 10.28 | RH | 9,121 | 346.3 |
| Lavier Livingston | Westford | 11.55 | R:GrG:GrH | 7,699 | 339.5 |
| C. C. Withrow | R. #4, Meadville | 9.80 | R:GrG:GrJ | 7,159 | 332.2 |
| J. Forest Wood | Geneva | 17.27 | Mix. | 8,258 | 328.1 |
| Burton Shontz | Conneaut Lake | 21.58 | R:GrG | 7,233 | 324.1 |
| John Chisholm | Cambridge Springs | 12.40 | RG | 6,579 | 320.1 |
| H. H. Bauer | Espyville | 10.30 | R:GrH | 9,158 | 317.5 |
| Robert D. Thompson | R. 1, Meadville | 10.82 | GrG:Mix. | 7,313 | 316.4 |
| H. W. Carrier | Atlantic | 8.09 | R:GrG | 8,056 | 314.9 |
| H. H. Roades | Espyville | 18.46 | GrH | 8,556 | 309.2 |
| Paul McMichael | Conneaut Lake | 17.84 | RJ | 6,063 | 308.0 |
| Walter E. Burchard | Guys Mills | 22.07 | Mixed | 6,384 | 283.4 |

Crawford-Vanango D. H. I. A., Year Ending July 31, 1942

Ellen G. Sheldon, Tester, c/o Extension Office

| | | | | | |
|----------------------------------|-----------------------|-------|-------------|--------|-------|
| Harold L. Borland | Meadville, R. #5 | 7.61 | RJ | 8,277 | 502.7 |
| Harry I. Sharp | Diamond, R. #1 | 8.18 | RJ:RG | 7,531 | 438.8 |
| Merle Ongley | Centerville, R. #4 | 18.19 | R:GrH | 11,801 | 408.2 |
| Lee L. Luce | Guys Mills, R. #4 | 12.53 | RJ | 7,822 | 408.0 |
| Wesley G. Reitze | Meadville, R. #5 | 15.96 | RH | 11,738 | 400.9 |
| Arthur Handley | Meadville, R. #1 | 17.07 | R:GrG:R:GrH | 9,376 | 384.2 |
| O. L. & Nova Noel | Guys Mills, R. #4 | 11.03 | R:GrJ | 7,418 | 381.1 |
| A. D. McNamara | Meadville, R. #7 | 15.93 | GrJ:GrH | 9,148 | 376.1 |
| Frank Strawbridge | Titusville, R. #1 | 17.52 | R:GrG | 7,499 | 374.1 |
| C. O. Proper & Son | Diamond, R. #1 | 20.52 | R:GrJ | 7,309 | 363.2 |
| F. W. Smith | Meadville, R. #7 | 8.78 | RJ | 6,471 | 358.3 |
| E. R. Irons & Son | Guys Mills, R. #4 | 18.33 | R:GrJ | 7,213 | 357.0 |
| Lawrence Proper & Son | Diamond R. #1 | 16.89 | R:GrJ:GrG | 7,534 | 353.7 |
| Lloyd Smith | Star Route, Meadville | 29.16 | RH:Mix. | 8,467 | 353.6 |
| Klover Knolls Farm | Star Rt., Meadville | 31.26 | R:GrG:Mix. | 7,577 | 344.9 |
| Lester V. Randall | Guys Mills, R. #2 | 6.93 | RH:GrG | 8,418 | 342.7 |
| Dr. Clyde F. Peairs, Sutersville | | | | | |
| Herdsmen, L. Hankins | R. #5, Meadville | 33.00 | R:GrG | 7,166 | 316.3 |
| Harry Whitman | Diamond, R. #1 | 8.27 | R:GrJ | 6,285 | 311.9 |
| Steere's Dairy | Meadville | 29.20 | R:GrG:R:GrJ | 7,664 | 307.9 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|---|-------------------|-----------------|-----------|--------------|-------------|
| Northwest Crawford D. H. I. A., Year Ending Feb. 28, 1942 | | | | | |
| Mac Lorenz, Tester, Meadville, Pa. | | | | | |
| Floyd C. Gould | Conneaut Lake | 15.52 | R:GrJ | 7,874 | 406.4 |
| Burl Hayes | Edinboro | 16.98 | GrH:GrJ | 9,881 | 404.3 |
| N. K. Partch | Linesville | 7.81 | R:GrH | 10,931 | 400.0 |
| Anthony Rendulic | Conneaut Lake | 14.58 | R:P:GrH | 9,940 | 370.4 |
| Cribbs Methodist Home | Conneautville | 8.68 | GrG | 6,988 | 358.4 |
| E. T. Hamilton | Conneautville | 10.85 | R:PH | 9,863 | 358.2 |
| Irl Hill | Linesville | 13.75 | R:GrH | 9,337 | 354.4 |
| H. H. Sheldon | Springboro | 18.81 | Mixed | 8,765 | 347.9 |
| Dr. Geo. Buehler | Linesville | 11.10 | R:GrH | 10,177 | 341.7 |
| Floyd A. Martin | Conneautville | 13.08 | R:GrH | 9,766 | 341.0 |
| Adam Staub | Conneautville | 10.64 | GrG:GrH | 7,913 | 340.7 |
| Austin E. Peterson | Conneaut Lake | 8.05 | Mixed | 7,093 | 332.7 |
| Fred W. Thornton | Springboro | 14.01 | RH | 9,510 | 331.7 |
| J. S. Sherred | Venango | 19.65 | RH | 9,922 | 324.9 |
| Earl Campbell | Linesville | 13.54 | R:GrH:GrG | 8,628 | 320.7 |
| Charles Lodge | Cambridge Springs | 15.36 | GrG:GrJ | 6,297 | 319.3 |
| M. C. Donaldson | Linesville | 12.73 | GrJ:GrJ | 7,259 | 309.8 |
| Paul Lamb | Conneautville | 13.76 | Mixed | 7,685 | 307.0 |

Titusville D. H. I. A., Year Ending Oct. 31, 1942

George E. Simpson, Tester, Box 392, Titusville, Pa.

| | | | | | |
|-----------------------|--------------|-------|---------|--------|-------|
| J. M. Kelly | Titusville | 27.75 | RG | 9,613 | 469.2 |
| J. C. Hummer | Titusville | 26.07 | R:GrJ | 8,761 | 458.4 |
| Clyde Vosburgh & Sons | Titusville | 35.56 | RJ | 8,267 | 432.9 |
| Frank Firth | Spartansburg | 14.44 | R:GrH | 11,633 | 409.3 |
| Will Hasbrouck | Titusville | 35.80 | RH | 11,124 | 386.8 |
| Elbert Scouten & Sons | Spartansburg | 16.72 | GrH:GrJ | 10,518 | 382.3 |
| J. E. Kuntz & Son | Centerville | 18.02 | R:GrG | 8,085 | 356.7 |
| E. R. Kerr | Centerville | 21.40 | R:GrH | 10,353 | 352.9 |
| A. C. Watson | Titusville | 29.08 | GrG | 7,212 | 346.6 |
| E. W. Hummer & Son | Titusville | 31.48 | R:GrJ | 6,524 | 344.3 |
| H. C. Hummer | Titusville | 30.64 | RH | 9,090 | 335.2 |
| George Hummer | Titusville | 20.72 | RJ | 6,257 | 331.7 |
| Harry Firth | Spartansburg | 15.73 | R:GrH | 9,238 | 328.8 |
| George Matteson | Centerville | 16.95 | GrH | 9,460 | 319.3 |
| Mrs. Nettie Harrison | Centerville | 14.19 | GrH | 8,147 | 304.9 |

CUMBERLAND COUNTY

Original Cumberland County D. H. I. A., Year Ending Sept. 14, 1942

Mr. Fred M. Naugle, Tester, 501 West North Street, Carlisle, Pa.

| | | | | | |
|-----------------------------|----------------------|-------|-------|--------|-------|
| The Pennsylvania Industrial | | | | | |
| School* | Camp Hill | 29.44 | R:GrH | 15,485 | 498.0 |
| Jesse Kurtz | Carlisle, R.D. 4 | 10.28 | RH | 13,341 | 486.2 |
| Miss Anne McCormick | Harrisburg | 6.00 | RG | 9,088 | 444.8 |
| Methodist Home for | | | | | |
| Children | Mechanicsburg, R.D.3 | 27.15 | RH | 13,124 | 433.3 |
| J. Walter Rupp | Mechanicsburg, R.D.4 | 13.46 | R:GrH | 12,204 | 410.2 |
| G. Weir Strock | Mechanicsburg, R.D.2 | 32.39 | R:GrH | 12,253 | 406.4 |
| Wilbert A. Kreitzer | Mechanicsburg, R.D.2 | 10.91 | RH | 11,359 | 406.1 |
| Ivo V. Otto | Carlisle, R.D. 1 | 33.35 | RH | 12,116 | 404.2 |
| Vance C. McCormick | Harrisburg | 6.12 | RG | 3,395 | 403.4 |
| C. G. Niesley | Mechanicsburg, R.D.1 | 17.06 | RH | 10,411 | 394.6 |
| Clyde C. Neidigh | Newville, R.D. 3 | 9.18 | RG | 7,630 | 388.6 |
| Clarence M. Cornman | Mechanicsburg, R.D.1 | 16.11 | RH | 11,134 | 379.0 |
| Mark R. Basehore | Mechanicsburg, R.D.4 | 14.59 | R:GrH | 10,925 | 375.0 |
| A. G. Wingert | Mechanicsburg, R.D.2 | 12.78 | RH | 10,351 | 368.9 |
| H. K. McCullough | Newville, R.D. 1 | 30.46 | RG | 7,772 | 367.4 |
| S. W. Zeigler & Son | Mechanicsburg, R.D.2 | 21.13 | R:GrH | 9,953 | 357.3 |
| E. Nevin Weber | Mechanicsburg, R.D.2 | 22.48 | RH | 10,514 | 354.1 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|--------------------------------|-----------------------|-----------------|----------|--------------|-------------|
| Harry G. Banzhoff | Mechanicsburg, R.D. 2 | 14.02 | R:GrG | 7,866 | 352.5 |
| Russell S. Eberly | Mechanicsburg, R.D. 3 | 14.61 | RH | 10,158 | 351.5 |
| Ivo V. Otto & Rudy Dromgold | Carlisle, R.D. 6 | 17.48 | RH | 10,575 | 350.9 |
| J. H. Lear | Carlisle, R.D. 5 | 22.82 | RH | 9,461 | 347.7 |
| Albert F. Kost | Carlisle, R.D. 1 | 24.80 | RH | 9,714 | 341.6 |
| Abner E. Rider | Mechanicsburg, R.D. 2 | 13.70 | R:GrH | 10,025 | 341.0 |
| Walter A. Eckert | Mechanicsburg, R.D. 1 | 24.75 | R:GrG | 6,872 | 340.4 |
| George Nauss, Jr. | Dillsburg, R.D. 2 | 9.89 | RH | 9,299 | 339.0 |
| Mrs. E. S. Deubler | Camp Hill, R.D. 1 | 31.19 | RA | 8,432 | 335.2 |
| J. Norton Kruger | Carlisle | 71.33 | RA:R:GrH | 7,681 | 309.5 |

*Herd milked three times daily.

Second Cumberland County D. H. I. A., Year Ending Sept. 30, 1942

Mr. J. Paul Shughart, Tester, Allen, Pa.

| | | | | | |
|---------------------|-----------------------|-------|-------|--------|-------|
| Mervin E. Shughart | Mechanicsburg, R.D. 1 | 5.35 | RH | 13,584 | 507.8 |
| Spencer G. Nauman | Bowmansdale | 6.00 | R:GrG | 9,352 | 441.0 |
| H. Paul Wrightstone | Camp Hill, R.D. 1 | 17.01 | R:GrH | 12,489 | 436.1 |
| Hugh L. McMeen | Carlisle, R.D. 6 | 24.28 | RH | 11,527 | 419.5 |
| Sylvan M. Wood | Carlisle, R.D. 1 | 14.85 | RH | 11,196 | 417.6 |
| Albert Adams | Carlisle, R.D. 5 | 33.04 | R:GrH | 10,904 | 405.1 |
| Howard Slothower | Mechanicsburg, R.D. 2 | 12.77 | RH | 11,364 | 392.9 |
| Fred D. Myers | Mechanicsburg, R.D. 1 | 22.26 | R:GrH | 10,156 | 391.8 |
| C. A. Raudabaugh | Carlisle, R.D. 1 | 14.61 | RH | 11,590 | 388.4 |
| Guy L. Loy | Newville, R.D. 2 | 23.55 | R:GrA | 9,561 | 385.1 |
| Charles C. Hoffer | Carlisle | 20.94 | RH | 10,023 | 381.5 |
| Earl M. Lehman | Carlisle, R.D. 2 | 10.18 | RH | 9,730 | 380.1 |
| Harry P. Cornman | Mechanicsburg, R.D. 2 | 21.93 | R:GrH | 10,797 | 379.0 |
| John F. Stamy | Newville, R.D. 2 | 15.30 | RA | 9,437 | 376.4 |
| S. E. Landis | Newville | 12.28 | R:GrG | 7,575 | 375.9 |
| Joseph A. Murphy | Carlisle, R.D. 5 | 12.99 | RH | 10,385 | 375.4 |
| Donald F. VanScyoc | Shippensburg, R.D. 1 | 9.36 | RG | 7,844 | 368.3 |
| Paul C. Gible | Mechanicsburg, R.D. 1 | 17.64 | R:GrH | 10,580 | 364.6 |
| E. Hays Shughart | Carlisle, R.D. 6 | 13.56 | RH | 10,203 | 361.1 |
| Russell F. Bower | Shippensburg, R.D. 2 | 15.07 | R:GrH | 9,943 | 350.3 |
| Paul E. Rebert | Mechanicsburg, R.D. 1 | 14.69 | RH | 10,011 | 341.1 |
| W. Earl Wood | Carlisle, R.D. 6 | 16.74 | R:GrH | 9,543 | 328.3 |
| John H. Clouse | Newville, R.D. 2 | 13.19 | R:PH | 9,602 | 326.1 |
| John S. Asper | Mechanicsburg, R.D. 2 | 8.77 | RH | 9,861 | 319.5 |
| Paul O. Sunday | Carlisle, R.D. 1 | 18.91 | R:GrH | 8,657 | 305.1 |

Third Cumberland County D. H. I. A., Year Ending Sept. 30, 1942

Mr. Charles A. Mentzer, Tester, Mechanicsburg, R.D. #2

| | | | | | |
|------------------------|-----------------------|-------|-------------|--------|-------|
| Roy A. Snyder | Mechanicsburg, R.D. 2 | 7.77 | R:GrH | 12,234 | 451.1 |
| J. J. Zeigler | Carlisle, R.D. 1 | 22.23 | R:GrH | 11,953 | 441.4 |
| W. C. Neidig | Carlisle, R.D. 4 | 15.05 | R:GrG | 8,447 | 439.7 |
| Abram N. Lehman* | Carlisle, R.D. 2 | 17.26 | RH | 11,876 | 427.5 |
| Reuben Clouse | Newville, R.D. 3 | 13.00 | RH | 11,384 | 409.7 |
| Roy D. Gottshall | Carlisle, R.D. 6 | 9.06 | RH | 11,476 | 406.7 |
| Benjamin F. Garman | Carlisle, R.D. 6 | 13.33 | RH | 10,888 | 405.0 |
| R. Merle Goodhart | Mechanicsburg, R.D. 2 | 12.32 | GrG | 7,929 | 400.0 |
| George E. Young | Carlisle, R.D. 2 | 14.66 | R:GrH:GrG | 10,447 | 390.3 |
| Mrs. Edith Ellerman | Dickinson | 19.55 | GrH:Mix. | 10,553 | 384.8 |
| Harvey S. Mentzer | Mechanicsburg, R.D. 2 | 16.65 | RA:R:GrH | 9,935 | 383.5 |
| Ralph L. Martin | Carlisle, R.D. 4 | 14.71 | RH | 10,426 | 382.6 |
| Lester J. Albright | Carlisle, R.D. 1 | 17.07 | R:GrA;R:GrH | 9,571 | 375.7 |
| Clyde P. Menges | Newville, R.D. 3 | 15.59 | R:GrG | 7,755 | 371.0 |
| Russell G. Shopp | Camp Hill, R.D. 1 | 11.24 | RH | 10,014 | 367.2 |
| John I. Strong | Mechanicsburg, R.D. 3 | 14.90 | R:GrH | 10,441 | 365.8 |
| M. Clyde Sheaffer | Shiremanstown | 9.62 | RH | 9,820 | 363.8 |
| Cumberland County Home | Carlisle, R.D. 1 | 12.65 | RH | 9,563 | 359.9 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|--------------------|-----------------------|-----------------|-------|--------------|-------------|
| John C. Yorlets | Mechanicsburg, R.D. 2 | 14.00 | R:GrH | 9,938 | 359.0 |
| John A. Chestnut | Newville, R.D. 3 | 10.51 | R:GrH | 10,170 | 358.1 |
| Abner H. Shughart | Carlisle, R.D. 1 | 13.50 | RH | 10,088 | 356.4 |
| Harper McCulloch | Newville, R.D. 2 | 11.55 | R:GrG | 7,451 | 354.4 |
| C. Bryan Baker | Newville, R.D. 3 | 21.08 | R:GrA | 8,314 | 345.9 |
| Randall B. Shettel | Mechanicsburg, R.D. 2 | 12.79 | R:GrG | 6,744 | 331.8 |
| Elmer Stump | Mechanicsburg, R.D. 2 | 15.42 | R:GrG | 5,923 | 329.0 |
| Zel E. Myers | Newville, R.D. 3 | 21.44 | RH | 9,163 | 327.8 |
| Lehman J. Brandt | Carlisle, R.D. 1 | 13.41 | R:GrH | 9,003 | 323.1 |
| C. P. Means | Shippensburg, R.D. 1 | 19.08 | R:GrG | 6,502 | 321.7 |
| Spencer Farms | Newville, R.D. 1 | 19.09 | RJ | 5,733 | 310.0 |
| Konhaus Farms | Mechanicsburg, R.D. 1 | 57.38 | R:GrG | 5,937 | 305.0 |

*Part of herd milked three times daily.

Fourth Cumberland County D. H. I. A., Year Ending Sept. 30, 1942

Mr. Robert B. Baker, Tester, Newville, R.D. #3.

| | | | | | |
|-----------------------|-----------------------|-------|------------|--------|-------|
| W. C. Woods | Carlisle, R.D. 4 | 13.89 | R:GrH:Mix. | 10,309 | 390.3 |
| Fred L. Heberlig | Newburg, R.D. 1 | 11.03 | R:GrH | 9,956 | 385.0 |
| George W. Strock | Mechanicsburg, R.D. 4 | 12.65 | R:GrG | 7,570 | 375.5 |
| Charles E. Mentzer | Mechanicsburg, R.D. 2 | 15.99 | RSw:R:GrH | 9,797 | 372.1 |
| H. E. Hamsher & Sons | Mechanicsburg, R.D. 1 | 11.30 | RH | 10,888 | 380.2 |
| Paul E. Harvey | Newville, R.D. 3 | 7.83 | R:GrH | 10,449 | 366.0 |
| Eugene S. Dunlap | Shippensburg, R.D. 1 | 11.05 | R:GrG | 7,145 | 357.4 |
| Chester L. Smith | Shippensburg, R.D. 1 | 18.65 | RH | 10,297 | 348.0 |
| Clarence B. Zimmerman | Mechanicsburg, R.D. 1 | 9.89 | R:GrH | 9,717 | 346.0 |
| Frank Reese | Shippensburg, R.D. 1 | 21.76 | RH | 9,368 | 335.6 |
| David Rider | Mechanicsburg, R.D. 1 | 17.39 | R:GrH | 9,375 | 333.3 |
| Paul H. Kann | Mechanicsburg, R.D. 1 | 22.50 | R:GrH | 9,002 | 321.3 |
| Samuel H. Cohick | Newville, R.D. 2 | 9.85 | RA:GrH | 7,934 | 315.7 |
| Ira Zimmerman | Carlisle, R.D. 1 | 10.99 | GrH:Mix. | 7,524 | 315.6 |
| Charles A. Brandt* | Newville, R.D. 2 | 9.00 | R:GrH | 10,153 | 410.1 |
| Talinona Farms** | Bowmansdale | 14.79 | RG | 7,339 | 352.8 |
| Diller I. Lehman** | Carlisle, R.D. 4 | 15.94 | RH | 8,504 | 320.1 |

*Herd milked three times daily for 11 months.

**Herd milked three times daily for 10 months.

DAUPHIN COUNTY

Dauphin County D. H. I. A., Year Ending May 31, 1942

| | | | | | |
|---|----------------|--------|---------|--------|-------|
| G. Richard Loy, Clair Hoch, c/o A. S. Frommeyer, Municipal Bldg., Hbg., Testers | | | | | |
| Hbg. State Hospital* | Harrisburg | 106.90 | R:GrH | 13,829 | 442.8 |
| Paul Grimm | Hershey | 7.05 | RG | 8,317 | 403.2 |
| G. C. Saufley | Hummelstown | 22.91 | RJ | 7,293 | 399.3 |
| Otis Dodson** | Harrisburg | 34.04 | RG | 8,209 | 397.7 |
| E. E. Koppenhaver | Elizabethville | 15.69 | RG | 7,701 | 385.4 |
| C. E. Cassel & Son | Hershey | 46.68 | RG | 7,256 | 376.6 |
| A. H. Erdman | Elizabethville | 21.25 | R:GrH | 11,331 | 375.1 |
| Hershey Ind. School** | Hershey | 232.68 | R:GrH:G | 9,977 | 359.8 |
| Dauphin County Home | Harrisburg | 29.89 | RH | 10,461 | 358.0 |
| Alva Saufley | Hershey | 19.42 | RJ | 6,997 | 354.6 |
| J. Byron Oellig | Grantville | 25.39 | R:GrG | 7,245 | 335.9 |
| C. K. Fertig | Dauphin | 6.87 | RH | 9,743 | 311.9 |
| Annvile Stone Co. | Palmyra | 14.58 | GG | 7,102 | 311.8 |
| Lehman Zeager | Middletown | 15.28 | RH | 9,071 | 301.5 |
| S. B. Williams | Middletown | 41.59 | R:GrJ | 6,049 | 301.5 |

*Herd milked three times daily for 10 months.

**Part of herd milked three times daily.

ELK COUNTY

Elk D. H. I. A., Year Ending April 30, 1942

B. Wayne Kelly, Tester, Ridgway, Pa.

| | | | | | |
|----------------------|----------------|-------|-------|-------|-------|
| William J. Youngdahl | Brockport, Pa. | 15.95 | R:GrG | 7,473 | 358.7 |
| H. J. Gregory | St. Marys, Pa. | 37.56 | RH | 9,605 | 341.9 |
| A. Larson & Son | Ridgway, Pa. | 19.99 | Mixed | 8,182 | 320.1 |

ERIE COUNTY

Erie County D. H. I. A., Year Ending April 30, 1942

Raymond McKinley, Wattsburg, R.D. 2, Penna.; Gerald Hinkson, Union City, R.D. 1, Penna., Testers

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|-------------------------|-------------------|-----------------|----------|--------------|-------------|
| Glenn Steves..... | Waterford, R. 3 | 10.37 | RH | 14,181 | 515.7 |
| John Brooks..... | Harborcreek, Pa. | 23.97 | RG | 9,518 | 442.6 |
| Sidney Kuhn..... | Edinboro, Pa. | 12.81 | RJ:Mix. | 9,147 | 392.5 |
| H. H. Marsh & Son..... | Waterford, Pa. | 26.91 | R:GrH | 10,622 | 384.5 |
| Scott McLallen..... | Edinboro | 11.54 | Mixed | 8,929 | 377.5 |
| James Steen..... | Waterford | 10.33 | GrH:GrG | 8,899 | 374.0 |
| Thomas Wolf..... | Edinboro, R.D. | 9.47 | RAyr:GrG | 8,488 | 372.2 |
| W. E. Baron..... | McKean | 18.55 | RH | 10,655 | 352.4 |
| Abbott Bros..... | Erie, R.D. 6 | 14.58 | GrH:GrG | 9,241 | 351.9 |
| William D. Hopkins..... | West Springfield | 23.95 | RG:RH:RJ | 8,490 | 351.7 |
| Walter Wright..... | Waterford, R.D. 6 | 31.63 | GrJ:GrG | 8,291 | 350.0 |
| Earl Rockwell..... | Union City, R.D. | 25.66 | RH | 9,906 | 348.4 |
| Hazen Follett..... | Corry, R.D. | 21.59 | R | 10,311 | 347.9 |
| Arthur Morris..... | Corry, R.D. 3 | 10.90 | GrH | 10,669 | 346.9 |
| James A. Steadman..... | McKean, R.D. 1 | 11.07 | GrH | 8,896 | 346.6 |
| George Robinson..... | Wattsburg, Pa. | 55.23 | R:GrH | 9,678 | 345.7 |
| Bruce Batchelor..... | Edinboro, R.D. 1 | 17.25 | RG | 6,914 | 342.4 |
| Frank Close..... | Fairview | 17.48 | GrG:Mix. | 8,024 | 340.5 |
| Howard Hopson..... | Wattsburg, R.D. 3 | 19.76 | R:GrH | 9,289 | 339.8 |
| William Warnshuis..... | Edinboro | 13.56 | PG | 7,213 | 336.0 |
| Margaret O'Neill..... | Union City, R. 4 | 22.88 | GrH:Mix. | 8,436 | 335.8 |
| County Home Farm..... | Girard | 32.57 | GrH | 9,766 | 322.5 |
| Arthur Harwood..... | Wattsburg | 13.00 | RH | 9,052 | 319.5 |
| Harold Howard..... | Corry | 12.39 | GrH | 9,551 | 316.5 |
| Harold A. Trask..... | McKean R.D. 1 | 16.94 | R:GrH | 8,953 | 314.9 |
| Ralph Bailey..... | Corry | 15.29 | GrH | 8,110 | 309.7 |
| Arthur Meabon..... | Edinboro | 30.33 | GrH | 8,476 | 309.4 |

FAYETTE COUNTY

Fayette County - Elizabeth D. H. I. A., Year Ending May 31, 1942

Richard S. Hayden, Paul Leard, Testers, Uniontown, Pa.

| | | | | | |
|--------------------------|-----------------|-------|----------------|--------|-------|
| Frank McKinney..... | Elizabeth, R.D. | 21.62 | RH | 12,474 | 466.1 |
| T. W. Gans & Son..... | Gans | 25.59 | RH:GH: R:GG | 10,572 | 450.4 |
| J. E. Lynn & Son..... | Vanderbilt | 21.47 | R:GG | 8,880 | 420.4 |
| Fayette County Home..... | Uniontown | 26.40 | RH | 11,582 | 398.8 |
| B. L. Miller & Son..... | Acme | 14.35 | R:GH | 10,694 | 389.2 |
| Arthur Friend..... | Mill Run | 8.08 | GG | 7,961 | 388.1 |
| E. Barron Douglass..... | Elizabeth | 11.43 | RH | 8,803 | 386.8 |
| Geo. G. Gault..... | Dawson | 19.65 | R:GG | 8,111 | 381.8 |
| Walter B. Scott..... | Elizabeth | 31.32 | RH | 10,206 | 373.8 |
| G. M. Griffin & Son..... | Smock | 9.18 | R:GG | 7,380 | 362.0 |
| Jacob E. Guffey..... | Elizabeth | 18.65 | RH | 10,015 | 361.2 |
| C. E. Mowry..... | Willock | 20.74 | GG | 7,551 | 360.6 |
| Edgar J. Kaufmann..... | Mill Run | 17.95 | RJ | 6,816 | 357.4 |
| Grover Work..... | Mill Run | 16.41 | R:GG | 7,892 | 356.7 |
| Cook Brothers..... | Belle Vernon | 23.50 | R:GG | 7,585 | 355.2 |
| Creekline Farms..... | Dawson | 16.73 | R:GG | 7,836 | 344.5 |
| Arnold Brothers..... | Vanderbilt | 9.46 | R:GH | 9,568 | 343.5 |
| Henry Hofmeister..... | Monongahela | 15.08 | RH:Mix. | 8,611 | 337.0 |

FOREST COUNTY

Forest County D. H. I. A., Year Ending July 31, 1942

Velmont Hosier, George Cole, Testers, Tionesta, Pa.

| | | | | | |
|-------------------------|----------|-------|-------|-------|-------|
| Forest County Home..... | Tionesta | 7.59 | GG | 7,647 | 401.8 |
| Cropp Farm..... | Tionesta | 30.01 | GG:GH | 7,012 | 337.1 |

FRANKLIN COUNTY

Southern Franklin County D. H. I. A., Year Ending June 30, 1942

R. G. Miller, Tester, Chambersburg, Pa.

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|---|----------------------|-----------------|-------------|--------------|-------------|
| Penn Hall*..... | Chambersburg | 11.89 | RH | 17,414 | 672.5 |
| C. Sharpe Karper..... | Shippensburg | 17.16 | R:GrG | 9,456 | 463.0 |
| Harry E. Brown..... | Fairfield | 11.90 | RH | 11,381 | 426.7 |
| Mrs. Mabel Willebrant..... | Fairfield | 24.82 | RH | 10,985 | 417.8 |
| Ira Shank..... | Waynesboro, R.D. 4 | 19.30 | Mixed | 8,912 | 406.5 |
| J. M. Main & Sons..... | Shippensburg, R.D. 3 | 12.09 | RJ | 6,612 | 387.9 |
| W. F. Barkdoll..... | Waynesboro, R.D. 1 | 38.44 | RAyr | 9,079 | 384.0 |
| James F. Dayhoff..... | Waynesboro | 32.77 | R:GrG:R:GrH | 7,848 | 381.6 |
| Charles F. Miller..... | Greencastle, R.D. 3 | 29.87 | RH | 10,553 | 366.6 |
| Penna. State Soldiers Orphan School..... | Scotland | 23.56 | R:GrH | 10,109 | 361.9 |
| D. W. Good..... | Fayetteville | 51.99 | RAyr | 8,901 | 360.5 |
| Henry W. Thrush..... | Chambersburg, R.D. 3 | 24.94 | RH | 9,490 | 344.8 |
| G. E. Frommeyer..... | Chambersburg, R.D. 6 | 20.06 | RH | 8,448 | 307.4 |

*Part of herd milked three times daily.

Western Franklin County D. H. I. A., Year Ending Sept. 30, 1942

Fred G. Chestnut, Newville, Pa., R.D. 2; Richard D. Martin, Broad Top, Pa., Testers

| | | | | | |
|----------------------------|--------------------|-------|-------|--------|-------|
| Arthur A. Brenize..... | Newburg, R. 1 | 6.59 | R:PH | 11,130 | 404.4 |
| J. W. Hoffeditz & Son..... | Mercersburg, R. 2 | 23.94 | R:GrG | 8,830 | 400.0 |
| James A. Heckman..... | Greencastle, R. 2 | 10.18 | R:GrG | 7,911 | 392.1 |
| W. Paul Mummert..... | Chambersburg, R. 5 | 15.92 | R:GrG | 8,010 | 381.6 |
| J. Fred Davison..... | Chambersburg, R. 5 | 13.55 | RH | 10,233 | 379.8 |
| George Ommert..... | Shippensburg, R. 3 | 10.36 | R:GrG | 8,228 | 379.2 |
| B. H. Welty..... | Waynesboro, R. 4 | 21.40 | R:GrG | 7,417 | 377.5 |
| John S. Peckman..... | Chambersburg, R. 4 | 22.20 | R:GrG | 7,716 | 370.5 |
| M. H. Hawbaker & Son..... | Chambersburg, R. 3 | 24.07 | R:GrG | 7,690 | 356.4 |
| Ellsworth Thomas..... | St. Thomas | 24.84 | Mix. | 8,276 | 352.8 |
| Wilson Sisters..... | Richmond Furnace | 10.85 | P:GrG | 7,165 | 352.8 |
| A. C. Wagner..... | Mowersville | 7.83 | R:GrG | 7,333 | 346.4 |
| Dr. H. S. Arthur..... | Ft. Loudon | 31.94 | RG | 7,118 | 344.3 |
| Lawrence A. Wagner..... | Shippensburg, R. 3 | 12.27 | R:GrG | 7,271 | 340.2 |
| C. W. Baker..... | Waynesboro, R. 3 | 15.14 | P:GrH | 8,118 | 327.6 |
| Herman P. Hege..... | Chambersburg, R. 1 | 26.00 | R:GrG | 6,582 | 318.2 |
| J. Harlan Frantz..... | Waynesboro, R. 4 | 25.29 | RG | 6,499 | 313.8 |

Central Franklin County D. H. I. A., Year Ending Sept. 30, 1942

Ernest Rebert, McKnightstown, Pa.; Edwin B. Wright, Waterfall, Fulton Co., Pa., Testers

| | | | | | |
|--------------------------|--------------------|-------|---------------|--------|-------|
| U. B. Orphanage..... | Quincy | 31.41 | GrG | 5,131 | 284.0 |
| Brake & Doyle..... | Mercersburg, R. 2 | 20.18 | R:GrG | 6,399 | 295.1 |
| H. J. Layman..... | Waynesboro, R. 4 | 18.57 | R:GrG | 8,836 | 422.0 |
| Chester A. Leshner..... | Chambersburg, R. 1 | 24.79 | R:GrH | 9,184 | 339.7 |
| David O. Garber..... | Chambersburg, R. 1 | 22.00 | R:GrH | 10,327 | 373.8 |
| Dr. J. E. Strickler..... | Chambersburg | 28.98 | RH | 9,147 | 322.3 |
| Howard F. Lehman..... | Chambersburg, R. 2 | 21.67 | RH | 10,478 | 364.9 |
| J. T. Benchoff..... | Waynesboro, R. 4 | 32.37 | RAyr | 7,416 | 281.3 |
| Mrs. Rollo Ditto..... | Mercersburg, R. 2 | 11.86 | GrG | 5,774 | 267.2 |
| L. M. Barlup..... | Waynesboro, R. 2 | 22.24 | GrG:GrH | 6,512 | 253.8 |
| H. Lester Oyler..... | Fayetteville | 10.01 | RH | 12,505 | 460.2 |
| H. D. Gingrich..... | Greencastle, R. 3 | 16.39 | RH | 11,550 | 400.9 |
| William G. Stuff..... | Mercersburg, R. 2 | 27.89 | R:GrG | 6,505 | 306.6 |
| Glenn G. Rebuck..... | Waynesboro, R. 3 | 11.36 | RH | 9,605 | 331.5 |
| Charles S. Andrews..... | Chambersburg, R. 2 | 20.59 | RH | 8,874 | 334.0 |
| Abram Benedict..... | Chambersburg, R. 6 | 17.28 | GrG | 8,635 | 367.4 |
| Nelson Myers..... | Greencastle, R. 1 | 18.17 | RH | 10,179 | 341.9 |
| Emmert D. Hoffman..... | Waynesboro | 21.14 | R:Gr:Ayr:Mix. | 8,371 | 331.8 |
| Alvan H. Brechbill..... | Chambersburg, R. 6 | 24.41 | R:GrH | 10,165 | 352.9 |
| Norman J. Brechbill..... | Fayetteville, R. 1 | 21.12 | RH | 8,919 | 323.6 |

PART YEAR HERD

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|--------------------------|--------------------|-----------------|-----------|--------------|-------------|
| S. W. Shindle..... | Greencastle, R. 3 | 17.52 | R:GrG | 2,613 | 119.8 |
| Norman Meyers..... | Greencastle | 13.59 | RH | 3,338 | 120.8 |
| H. S. Lehman..... | Chambersburg, R. 1 | 25.11 | RH:Mix. | 5,311 | 199.0 |
| J. M. Statler & Son..... | Chambersburg, R. 6 | 21.17 | R:GrH:GrG | 7,125 | 243.2 |
| William Wadel*..... | Chambersburg, R. 1 | 13.01 | RH | 10,477 | 366.5 |

*Ten months record.

HUNTINGDON COUNTY

No. 1 Huntingdon County D. H. I. A., Year Ending May 31, 1942

Frank J. Hindman, Tester, Pike St., Huntingdon

| | | | | | |
|-----------------------------|------------------|-------|--------------|--------|-------|
| Pa. Industrial School*..... | Huntingdon | 39.56 | R:GrH | 12,693 | 456.5 |
| D. D. Strickler..... | Huntingdon | 18.56 | GrG | 9,010 | 446.0 |
| W. H. Woolverton..... | Alexandria | 19.56 | RG | 8,489 | 432.5 |
| H. S. Hicks & Son..... | R. 4, Tyrone | 22.92 | R:GrSw:Mix. | 9,943 | 418.8 |
| M. C. Smith..... | Mill Creek | 22.07 | R:GrH:GrG | 10,973 | 407.8 |
| Ray F. Brown..... | Mill Creek | 15.45 | GrG | 7,923 | 399.1 |
| H. E. Grazier..... | Warriors Mark | 15.85 | R:BrSw | 9,793 | 386.4 |
| R. L. Harpster..... | Warriors Mark | 28.15 | R:GrG | 8,071 | 383.3 |
| W. I. Brown..... | Mill Creek | 8.38 | RH | 10,206 | 370.4 |
| E. G. LaPorte..... | Alexandria | 27.66 | R:GrG | 6,877 | 369.1 |
| Elmer J. LaPorte..... | Alexandria | 15.25 | R:GrG:RAyr | 7,344 | 364.4 |
| W. J. Altsmanshofer..... | R. 1, Huntingdon | 13.33 | R:GrG | 8,089 | 359.9 |
| J. E. Hindman..... | Tyrone | 49.12 | RG | 7,186 | 354.5 |
| W. C. Henderson..... | Alexandria | 15.01 | R:Gr:Br:Sw | 8,326 | 325.5 |
| G. H. Coffman..... | Alexandria | 13.72 | GrG:GrH | 7,549 | 318.9 |
| Porter Brown..... | Mill Creek | 11.18 | Mixed | 7,546 | 317.3 |
| J. B. Campbell, Est..... | Tyrone | 27.27 | R:GrAyr:Mix. | 7,431 | 300.9 |
| C. R. Robb..... | Huntingdon | 17.30 | Mixed | 6,994 | 300.6 |

*Herd milked three times daily.

Second Huntingdon County D. H. I. A., Year Ending Aug. 31, 1942

Kenneth Wilson, Tester, R. 1, Shirleysburg

| | | | | | |
|------------------------|--------------------|-------|-------------|-------|-------|
| Elmer Harper..... | Shirleysburg | 9.27 | RG | 8,800 | 449.0 |
| Norman L. McClain..... | Huntingdon | 7.20 | R:GrJ:Mix. | 8,818 | 430.2 |
| Allan A. Knode..... | R. 1, Huntingdon | 14.83 | R:GrG | 8,218 | 423.2 |
| Baline Rumberger..... | Warriors Mark | 8.35 | GrH | 9,946 | 356.8 |
| Donald E. Neff..... | Warriors Mark | 16.13 | R:Gr:Sw:RH | 8,539 | 353.1 |
| John B. Harnish..... | Robertsdale | 36.13 | R:GrH:P:GrG | 8,646 | 344.4 |
| Walter Wright..... | St. Rt. Huntingdon | 9.90 | GrG | 6,520 | 329.6 |
| Susan Lecrone..... | Alexandria | 20.02 | R:GrH | 8,977 | 320.5 |
| E. E. Ellenberger..... | Pa. Furnace | 24.90 | R:GrG | 7,178 | 309.8 |
| Harry T. Stewart..... | R. 2, Huntingdon | 10.73 | GrG:GrH | 7,009 | 305.7 |

INDIANA COUNTY

Indiana County # 1 D. H. I. A., Year Ending May 31, 1942

Carl Johnston, Tester, Room C, Court House, Indiana, Pa.

| | | | | | |
|-------------------------------|--------------------|-------|------------|--------|-------|
| C. C. Pollock*..... | Marion Center, Pa. | 7.07 | R:GrJ | 8,978 | 511.7 |
| Torrance State Hospital*..... | Torrance, Pa. | 92.02 | RH | 13,535 | 450.0 |
| H. N. Hyskell..... | Smicksburg, Pa. | 9.40 | GrG | 10,109 | 437.2 |
| H. M. Travis..... | Smicksburg, Pa. | 17.56 | RG | 8,553 | 435.2 |
| H. W. Mumau..... | Clymer, R.D. | 7.19 | RJ | 7,745 | 427.7 |
| Indiana County Home*..... | Indiana, Pa. | 25.84 | RH | 13,358 | 426.4 |
| Clyde Houck..... | Clymer, Pa., R. 1 | 10.64 | RJ | 8,003 | 424.5 |
| Robert C. L. Shumaker..... | Blairsville, Pa. | 16.21 | R:GrH | 11,458 | 418.8 |
| Walter Simpson..... | Marion Center, Pa. | 13.65 | R:GrJ | 8,078 | 409.4 |
| George Gorhard..... | Now Derry, Pa. | 17.44 | R:GrH | 11,134 | 406.3 |
| John S. Rankin..... | Indiana, Pa. | 8.19 | GrJ | 7,181 | 400.2 |
| Quay McMillen..... | Clymer, Pa., R. 1 | 10.40 | R:GrJ | 6,940 | 395.7 |
| Carl E. Walker..... | Marion Center, Pa. | 16.66 | RJ | 7,122 | 394.5 |
| I. M. Spody..... | Livermore, Pa. | 15.88 | R:GrG:Mix. | 7,685 | 383.3 |
| H. B. Wetzel..... | Marion Center, Pa. | 8.79 | P:GrJ | 6,873 | 382.6 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|---------------------------|--------------------|-----------------|------------|--------------|-------------|
| W. F. Barkley..... | Livermore, Pa. | 15.17 | R:GrG | 7,623 | 380.5 |
| W. C. McMillen..... | Home, Pa. | 14.76 | R:GrJ | 6,994 | 362.8 |
| M. W. Hyskell..... | Smicksburg, Pa. | 13.77 | R:GrG:Mix. | 7,945 | 358.2 |
| R. N. Ewing..... | Livermore, Pa. | 15.04 | GrG:Mix. | 8,056 | 349.0 |
| E. B. & W. S. Wetzel..... | Marion Center | 10.56 | R:GrJ | 6,568 | 347.8 |
| W. Paul Walker..... | Marion Center, Pa. | 9.70 | PJ | 6,771 | 346.0 |
| I. E. Pound..... | Indiana, Pa. | 16.54 | R:GrH:Mix. | 9,198 | 345.9 |
| H. H. Barnhart, Jr..... | Livermore, Pa. | 24.39 | P:GrH:Mix. | 8,878 | 345.4 |
| E. G. Rice..... | Dixonville, Pa. | 7.89 | RJ | 7,243 | 344.8 |
| J. S. Cornell..... | Blairsville, Pa. | 21.94 | RH | 10,240 | 340.7 |
| H. H. Wetzel..... | Marion Center, Pa. | 15.25 | GrJ | 6,467 | 338.1 |
| Walter Ewing Estate..... | Saltsburg, R.D. | 18.70 | PG | 7,473 | 337.8 |
| Truby Beers..... | Livermore, Pa. | 12.60 | R:GrH:Mix. | 8,461 | 337.4 |
| G. C. Swan..... | Home, Pa. | 15.44 | P:GrJ | 6,460 | 336.1 |
| Clarence D. Bence..... | Marion Center, Pa. | 23.37 | R:GrJ | 6,360 | 334.9 |
| Roy M. Ewing..... | Livermore, Pa. | 17.98 | Mix. | 9,136 | 321.2 |
| C. S. Gerhard..... | Blairsville, Pa. | 17.58 | RH | 9,761 | 318.1 |
| M. A. Smeltzer..... | NuMine | 28.98 | R:GrH:GrG | 8,991 | 315.5 |
| C. H. McCall..... | Indiana, Pa. | 21.57 | P:GrH:GrJ | 8,130 | 301.9 |

*Herd milked three times daily.

INDIANA COUNTY

Indiana County #2, D. H. I. A., Year Ending May 31, 1942

Wendell Wetzel, Tester, Homer City, Pa.

| | | | | | |
|-----------------------------|--------------------|-------|------------|--------|-------|
| John C. Mohney..... | Punxsutawney, R.D. | 38.08 | R:GrJ | 8,597 | 493.1 |
| W. D. Mack..... | Armagh, Pa. | 7.34 | RJ | 8,417 | 454.7 |
| Clifford H. Hughes..... | Rochester Mills | 15.67 | R:GrG:Mix. | 8,674 | 425.4 |
| Paul S. McFarland..... | Sheloceta, Pa. | 8.35 | RG | 8,201 | 418.4 |
| Glenn H. Coleman..... | West Lebanon, Pa. | 9.13 | RG | 8,103 | 417.8 |
| James A. Patterson..... | West Lebanon, Pa. | 12.65 | R:GrG | 7,758 | 411.7 |
| Harry Pounds..... | West Lebanon, Pa. | 9.33 | R:GrG:Mix. | 8,406 | 406.9 |
| Mart R. Ranger..... | Blairsville, Pa. | 15.99 | Mixed | 10,013 | 405.8 |
| J. Paul Kimmel..... | Sheloceta, Pa. | 8.75 | RH | 11,501 | 402.9 |
| J. Angus Wilson..... | Punxsutawney, R.D. | 10.72 | RJ | 7,306 | 402.7 |
| J. M. & L. L. Steffy..... | Dayton, Pa. | 17.01 | R:GrH:GrG | 10,973 | 401.6 |
| C. F. Glasser..... | Marion Center, Pa. | 8.28 | RJ | 7,799 | 400.0 |
| Clyde McConaughy & Son..... | Smicksburg | 20.25 | RJ | 8,197 | 396.9 |
| W. H. Wood..... | Sheloceta, Pa. | 12.46 | R:GrH | 11,801 | 396.0 |
| Earl L. Glasser..... | Marion Center | 11.66 | RJ | 7,361 | 391.4 |
| Wm. G. Campbell..... | Armagh | 9.72 | RJ | 7,467 | 382.9 |
| J. B. Blakley..... | Sheloceta, Pa. | 10.18 | Mixed | 8,815 | 379.3 |
| Ira E. Gibson & Son..... | Blairsville | 9.11 | GrJ | 7,499 | 378.7 |
| Wilbur W. Compton..... | Livermore, Pa. | 13.35 | GrG | 7,797 | 377.9 |
| Mrs. Maude D. Neigh..... | Smicksburg, Pa. | 13.95 | GrG | 8,001 | 369.6 |
| A. B. Gray..... | West Lebanon, Pa. | 9.17 | R:GrG | 7,462 | 367.7 |
| Henry Townsend..... | South Bend | 11.17 | RG | 7,631 | 362.1 |
| Horace J. Ellenberger..... | Indiana, Pa. | 12.47 | R:GrH | 9,506 | 353.0 |
| James Lynch..... | New Florence, Pa. | 19.81 | R:GrG | 7,211 | 345.7 |
| J. P. Martin..... | Blairsville, Pa. | 19.00 | R:PJ | 7,749 | 341.2 |
| Nichol Turkey Farm..... | Indiana, R.D. | 16.39 | RH | 10,189 | 324.3 |
| H. O. Kimmel..... | Sheloceta, Pa. | 28.19 | RH | 9,708 | 309.7 |

Indiana County #3 D. H. I. A., Year Ending May 31, 1942

Richard Black, Tester, Marion Center, Pa.

| | | | | | |
|-------------------------------|--------------------|-------|------------|-------|-------|
| Dale B. Crawford..... | North Point, Pa. | 9.36 | R:GrG | 7,977 | 439.4 |
| J. Mack Hood..... | New Florence, Pa. | 17.85 | RJ | 8,374 | 435.8 |
| John G. Henderson & Sons..... | Edri, Pa. | 14.05 | R:GrG | 9,075 | 417.4 |
| Ralph S. Nichol & Sons..... | Home, Pa. | 11.02 | GrJ:R:GrH | 9,929 | 415.4 |
| Bessie K. Hamilton..... | Home, Pa. | 16.65 | R:GrJ | 8,268 | 408.5 |
| Harry R. Couch..... | Sheloceta, Pa. | 12.75 | R:PJ | 7,467 | 403.5 |
| H. M. Altamus..... | Dilltown, Pa. | 13.40 | R:GrG:Mix. | 8,711 | 381.1 |
| Roland M. Smith..... | Marion Center, Pa. | 14.15 | R:GrG:Mix. | 8,725 | 377.8 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|--------------------------|--------------------|-----------------|-----------|--------------|-------------|
| Robert V. McNutt..... | Homer City, Pa. | 8.59 | R:GrG | 7,872 | 372.9 |
| Earl L. Marshall..... | Smicksburg, Pa. | 10.24 | RH | 10,547 | 371.3 |
| Mark Anthony..... | Marion Center, Pa. | 17.76 | R:GrJ:GrH | 7,661 | 370.5 |
| Walter D. Black..... | Marion Center, Pa. | 9.09 | R:GrJ | 6,774 | 369.4 |
| H. A. Lydick..... | Clymer, Pa. | 11.14 | RJ | 7,028 | 364.0 |
| R. H. Dilts & Son..... | Marion Center | 15.21 | Mix. | 7,401 | 357.4 |
| E. R. Shearer..... | Saltsburg, Pa. | 11.99 | GrG | 7,060 | 351.1 |
| Carl Wallace..... | Home, Pa. | 12.80 | R:GrJ | 6,570 | 332.7 |
| Wendell P. Thompson..... | Smicksburg | 13.99 | R:GrG:GrJ | 6,921 | 329.2 |
| Wilbur Black..... | Marion Center, Pa. | 10.56 | GrJ | 5,745 | 304.5 |
| R. L. McQuilken..... | Dayton, Pa. | 10.32 | GrG | 6,249 | 300.0 |

JEFFERSON COUNTY

First Jefferson County D. H. I. A., Year Ending June 30, 1942

Russel Anstead, Andrew Gilmore, Testers, Brookville

| | | | | | |
|---------------------------------|-----------------------|-------|-----------|--------|-------|
| N. M. Dinger..... | Oliveburg | 11.12 | R:GrH | 12,343 | 445.1 |
| A. J. Bullers & Son..... | Brookville | 7.08 | RG | 8,073 | 412.5 |
| J. P. McCracken*..... | Brookville Star Route | 7.12 | RH | 11,856 | 406.6 |
| J. P. Winslow..... | Brookville 1 | 9.44 | R:GrG | 8,156 | 389.1 |
| G. O. Schuckers..... | Brookville 1 | 22.13 | RH:RG | 9,884 | 387.4 |
| E. Paul Luther..... | Brookville 1 | 14.58 | GrG | 8,186 | 386.2 |
| H. E. Cochran..... | Reynoldsville 3 | 14.89 | R:GrJ:GrG | 8,963 | 385.5 |
| Clyde Reed..... | Reynoldsville 3 | 11.52 | GrH | 10,209 | 380.2 |
| J. O. Weaver..... | Brookville 2 | 5.75 | RG | 7,985 | 375.9 |
| E. E. Swineford..... | Reynoldsville 1 | 25.66 | RJ | 7,409 | 373.4 |
| H. F. Uplinger..... | Reynoldsville 3 | 12.04 | R:GrJ | 7,186 | 373.9 |
| Ralph S. Allshouse..... | Brookville 1 | 11.78 | RG | 7,846 | 369.2 |
| M. E. Neiger..... | Brockway, R.D. | 10.20 | GrH | 10,237 | 368.3 |
| C. K. Schuckers..... | Brookville 1 | 17.25 | R:GrG | 7,495 | 360.1 |
| G. A. Mingle..... | Brockway | 24.15 | RG | 7,492 | 354.1 |
| G. Howard Smith..... | Reynoldsville 2 | 17.05 | R:GrA | 8,368 | 347.0 |
| Hall's Dairy..... | Baxter 1 | 35.40 | P:GrJ | 7,017 | 344.9 |
| Meade Buhite..... | Reynoldsville 3 | 15.08 | R:GrG | 6,682 | 342.1 |
| Arthur Bullers..... | Brookville 1 | 12.31 | RG | 6,234 | 341.2 |
| Byron Anthony..... | Punxsutawney 4 | 23.25 | GrJ | 6,558 | 339.8 |
| Clover Douthitt..... | Reynoldsville 3 | 8.75 | GrG | 6,964 | 338.0 |
| Irvin's Dairy Farm..... | Big Run 1 | 36.39 | R:GrG | 6,865 | 337.2 |
| Dick Shields & Son..... | Summerville | 14.41 | RJ | 6,452 | 321.3 |
| John Brubaker..... | Brockway 2 | 8.51 | RH | 8,409 | 310.8 |
| *Herd milked three times daily. | | | | | |
| Paul Greenwalt..... | Brookville 1 | 15.97 | R:GrG | 6,229 | 303.1 |
| J. I. Allshouse..... | Brookville 3 | 11.98 | RG | 5,981 | 300.0 |

JUNIATA COUNTY

Juniata County D. H. I. A., Year Ending Sept. 30, 1942

Delmar L. Brofee, Tester, Mifflin, Pa., Star R.

| | | | | | |
|--------------------------------|----------------|-------|---------|--------|-------|
| Boyd E. Shirk & Son*..... | Mifflintown | 11.56 | R:GH | 14,656 | 546.5 |
| C. D. Stouffer & Son**..... | Port Royal | 13.24 | R:GH | 15,384 | 517.9 |
| J. W. Sieber & Son..... | McAlisterville | 11.82 | RH | 14,587 | 502.1 |
| Chas. B. Hostetler**..... | Mifflintown | 11.20 | RH | 14,703 | 368.9 |
| Theorous Kauffman & Son**..... | Mifflintown | 16.78 | RH | 12,914 | 467.5 |
| D. Q. Adams..... | Mifflintown | 13.05 | RH | 12,353 | 463.2 |
| Dale H. Henry..... | Mifflintown | 14.74 | RH | 12,434 | 432.2 |
| T. Furman McClure..... | Port Royal | 12.65 | RH | 12,022 | 423.4 |
| T. R. Auker..... | Mifflintown | 16.59 | RH | 11,706 | 408.7 |
| Musser & Stuck..... | Oakland Mills | 11.20 | R:GH | 11,766 | 402.5 |
| John H. Hostetler & Son..... | Mifflintown | 11.81 | R:GH | 11,694 | 395.9 |
| R. W. Bashore & Son..... | Thompsontown | 10.61 | RH | 11,111 | 381.9 |
| M. L. Stitt..... | Port Royal | 15.21 | R:GH | 11,600 | 380.5 |
| Lyman Zimmerman..... | Mifflin | 18.58 | RH:Mix. | 11,300 | 376.2 |
| J. E. Peoples..... | Mifflintown | 13.76 | R:GH | 10,539 | 372.5 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|-------------------------------------|----------------|-----------------|-----------|--------------|-------------|
| H. F. Sarver & Sons..... | Port Royal | 23.25 | R:GH | 10,769 | 369.1 |
| Harry S. Cleck***..... | Port Royal | 12.47 | R:GH | 10,288 | 367.5 |
| Blair R. Gray..... | Honey Grove | 15.38 | R:GG | 7,550 | 363.7 |
| Herbert M. Shearer..... | Perulack | 6.70 | RAyr | 9,083 | 362.6 |
| Lloyd R. Brubaker..... | Mifflintown | 4.93 | RH:R:GG | 9,129 | 359.5 |
| H. I. Gray & Son..... | Honey Grove. | 18.92 | RH | 10,212 | 342.4 |
| Karl A. Fettig..... | Port Royal | 11.08 | R:PH | 9,865 | 341.9 |
| Mrs. Frances Shellenberger****..... | McAlisterville | 10.57 | R:GH:Mix. | 8,556 | 337.8 |
| Holmes E. Groninger..... | Port Royal | 16.63 | RH | 9,101 | 318.8 |
| Dr. S. F. Metz..... | Thompsontown | 20.65 | R:GH | 8,897 | 317.5 |

*Part of herd milked three times daily for 7 months.

**Part of herd milked three times daily.

***Part of herd milked three times daily for 2 months.

****10 months record.

LACKAWANNA COUNTY

Lackawanna County D. H. I. A., Year Ending Sept. 30, 1942

Donald Hindman, Tester, Waverly, Pa.

| | | | | | |
|--------------------------|--------------------|-------|------------|--------|-------|
| Glenn Spencer..... | Pittston | 12.46 | R:GrG | 9,184 | 432.0 |
| Leonard Hertneck..... | Moscow | 19.23 | RH | 11,100 | 401.3 |
| Crawford Sachse..... | Moscow | 13.60 | R:GrJ | 7,603 | 385.9 |
| M. E. Northrup..... | R.D. #2, Dalton | 19.69 | RH:Mixed | 9,731 | 378.2 |
| Mary S. Jermyn..... | R.D. #2, Dalton | 9.41 | GrG | 8,267 | 375.8 |
| C. W. Carpenter..... | Clarks Summit | 12.25 | R:GrG | 7,494 | 365.0 |
| Miller Bros..... | Clarks Summit | 27.63 | RH:Mixed | 10,145 | 360.1 |
| Linair Dairy..... | Waverly | 25.64 | RH:GrG | 9,148 | 354.6 |
| Floyd Rosiak..... | Nicholson, R.D. #1 | 27.58 | RAyr:GrH | 8,563 | 350.9 |
| T. M. Kresge..... | Falls | 22.92 | R:GrH | 10,000 | 346.8 |
| Joseph A. Miller..... | Clarks Summit | 12.96 | RAyr:R:GrH | 8,830 | 345.1 |
| T. W. McLain & Son..... | Moscow | 51.27 | GrH:Mixed | 9,078 | 337.5 |
| George Motichka, Jr..... | Moscow | 13.88 | R:GrH:RJ | 8,577 | 336.4 |
| V. B. Colvin..... | R.D. #1, Dalton | 14.19 | R:GrH | 9,217 | 324.6 |
| Carl J. Spencer..... | R.D. #1, Dalton | 23.72 | RH | 8,812 | 317.0 |
| Mrs. Vera Seamans..... | Factoryville | 23.60 | GrH:GrG | 7,716 | 305.3 |

LANCASTER COUNTY

Red Rose D. H. I. A., Year Ending May 31, 1942

John E. Zercher, Harold E. Zercher, Clair K. Griffith, J. Wilmer Heisey, Testers, Strasburg, Pa.

| | | | | | |
|------------------------|---------------|-------|------------|--------|-------|
| Harold Book*..... | Ronks | 22.54 | RG | 13,048 | 480.7 |
| Elvin Hess**..... | Strasburg | 18.69 | RH | 13,784 | 478.0 |
| H. Leroy Welk**..... | Strasburg | 14.53 | R:GrH | 13,238 | 467.1 |
| Ira M. Eby..... | Gordonville | 21.63 | RH | 13,562 | 467.0 |
| Harry L. Griffith..... | Quarryville | 10.63 | RH | 13,102 | 453.2 |
| Harry Ranck..... | Ronks | 17.47 | RH | 13,311 | 445.3 |
| John Shirk..... | Lititz | 31.51 | RH | 12,534 | 443.3 |
| L. E. Shoemaker..... | Kirkwood | 26.47 | R:GrG:Mix. | 9,803 | 438.5 |
| Harry Noll..... | Lancaster #1 | 23.62 | R:GrH | 12,199 | 428.0 |
| Naaman Stoltzfus..... | Morgantown | 25.35 | RH | 12,260 | 419.8 |
| Harry Welk**..... | Strasburg | 14.21 | RH | 12,710 | 418.2 |
| Job Stoltzfus..... | Elverson | 22.65 | RH | 11,515 | 417.9 |
| John A. Styer**..... | East Earl | 32.14 | RH | 12,468 | 416.7 |
| Jacob Brenneman..... | Willow Street | 44.58 | R:GrG | 8,203 | 410.6 |
| Clair Witmer..... | Willow Street | 42.76 | RG | 8,474 | 409.0 |
| William Frew**..... | Quarryville | 39.31 | RG | 8,309 | 403.7 |
| George Rutt..... | New Holland | 18.18 | RG | 8,951 | 402.8 |
| H. H. Snavely..... | Willow Street | 19.39 | RG | 7,895 | 402.2 |
| H. E. Roper..... | Kirkwood | 21.55 | RG | 8,451 | 400.7 |
| Harry R. Metzler..... | Paradise | 16.02 | RH | 10,893 | 399.0 |
| Henry M. Hess..... | Mount Joy | 19.32 | RH | 11,203 | 398.1 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|-----------------------|----------------|-----------------|--------------|--------------|-------------|
| Abram Wolff | Quarryville | 15.09 | RG | 8,339 | 394.6 |
| Elias Z. Musser | Mount Joy | 18.99 | RH | 11,729 | 392.0 |
| Harry Moore | Strasburg | 16.17 | RH | 11,595 | 391.4 |
| C. Stanley Hess | Lancaster #2 | 37.20 | RG | 8,008 | 388.7 |
| John C. Metzler | Christiana | 20.35 | R:GrH | 11,608 | 387.6 |
| Earl Groff** | Strasburg | 18.60 | RH | 11,100 | 387.5 |
| J. T. Hastings | Kirkwood | 46.48 | RG | 7,848 | 384.6 |
| David Brechbill | Lancaster #4 | 12.37 | RG | 8,261 | 384.5 |
| Sylvanus Stoltzfus | Elverson | 27.93 | RH | 11,035 | 381.3 |
| Ezra Martin | Ephrata #1 | 16.10 | RH | 11,466 | 380.9 |
| Harry L. Mumma | Landisville | 15.54 | RG | 8,157 | 380.4 |
| Park Moore | Lancaster #4 | 14.58 | R:GrH | 11,171 | 379.1 |
| Paul A. Rie | Honey Brook | 39.67 | R:GrJ:RH | 7,874 | 378.1 |
| Harry Brubaker | Lancaster #4 | 26.39 | RH | 11,731 | 374.6 |
| Isaac Hershey, Jr. | Paradise | 23.36 | R:GrH | 10,974 | 372.8 |
| Red Rose Farm | Lancaster | 37.92 | RH | 10,445 | 369.6 |
| Jacob Houser | Lampeter | 12.19 | RH | 9,976 | 369.4 |
| Aaron Riehl | Lancaster #4 | 16.21 | R:GrG | 7,738 | 368.4 |
| Hartz & Glass | Elverson | 33.49 | RH | 10,568 | 366.4 |
| J. Mowery Frey | Lancaster #4 | 32.95 | R:GrH:GrG | 10,432 | 363.4 |
| E. E. Brubaker | Bird-in-Hand | 30.46 | RH:GrG | 10,288 | 361.6 |
| Harry Zook | Lancaster #4 | 24.14 | RH | 10,858 | 359.4 |
| Donald Weicksel | Christiana | 20.14 | R:GrG | 6,936 | 353.6 |
| J. P. Heisey | Millersville | 16.66 | R:GrG | 7,700 | 350.0 |
| Walter C. McMinn, Jr. | Lancaster | 21.15 | RH | 10,117 | 344.7 |
| J. Howard Brinton | Gap | 23.75 | RG | 7,032 | 343.4 |
| Amos Shelly | Manheim | 17.29 | RH | 9,659 | 340.8 |
| J. Z. Herr | Elizabethtown | 16.02 | RH | 10,001 | 339.4 |
| Samuel Martin | Terre Hill | 18.51 | R:GrH | 9,848 | 338.5 |
| Aaron Glick | Lancaster #4 | 23.79 | RH | 10,167 | 335.7 |
| Oakryn Farms | Nottingham | 40.04 | R:GrG | 6,955 | 334.7 |
| J. Earl Ranck | Gordonville #1 | 25.20 | RAyr | 8,184 | 328.1 |
| Earl Noll | Lancaster | 25.92 | R:GrH:GrG | 8,351 | 326.0 |
| Clayton R. Groff | Christiana | 30.18 | GrH | 9,542 | 324.3 |
| John B. Ranck | New Holland | 47.21 | RAyr:RH | 8,414 | 322.9 |
| Ellis Mentzer | New Holland | 28.39 | RAyr:GrH:Mix | 8,193 | 321.2 |
| Irvin Musser | Mount Joy | 15.15 | RH | 9,764 | 319.8 |
| Kissel Manor Farm | Lititz | 29.95 | RJ | 6,616 | 314.3 |
| Clyde S. Mumma | Landisville | 31.68 | RG | 6,660 | 312.8 |
| Norman C. Maule | Quarryville | 21.67 | PG | 6,446 | 304.1 |
| Amos Mellinger | Strasburg | 8.76 | RH | 8,913 | 300.0 |

*Herd milked three times daily.

**Part of herd milked three times daily.

Lancaster County D. H. I. A., Year Ending Feb. 28, 1942

Leonard B. Martin, Tester

| | | | | | |
|-------------------|--------------|-------|-------|--------|-------|
| Miles Fry | Ephrata #3 | 16.93 | PH | 10,415 | 347.1 |
| Elam W. Mull | Quarryville | 16.70 | Mix. | 7,474 | 330.2 |
| C. Earl Smith | Conestoga #2 | 7.44 | R:GrH | 8,478 | 304.0 |
| Roby Kilby & Son* | Oxford #2 | 19.27 | Mix. | 7,145 | 301.7 |

*Herd milked three times daily for 11 months.

LAWRENCE and BEAVER COUNTIES

Lawrence County D. H. I. A., Year Ending Aug. 31, 1942

Leroy Harriger, R. #2, Enon Valley, Pa.; Delmer Boyce, P.O. Box 119, New Castle, Pa.; Testers

| | | | | | |
|-----------------------|---------------------|-------|-------|-------|-------|
| H. L. McCurley & John | | | | | |
| Hoye | R. #2, Enon Valley | 15.01 | R:GrJ | 8,395 | 432.6 |
| Lauren Thompson | New Wilmington | 9.61 | RJ | 8,655 | 409.3 |
| J. C. Shoemaker | Enon Valley, R. #2 | 18.01 | R:GrJ | 7,781 | 399.3 |
| W. T. Hogue | R. #1, Ellwood City | 19.23 | R:GrJ | 8,022 | 397.2 |
| Harris McClelland | Mahoningtown, R. 7 | 20.46 | P:GrJ | 7,927 | 387.7 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|---------------------|----------------------|-----------------|------------|--------------|-------------|
| N. E. Sampson & Son | R. #3, Volant | 13.81 | RJ | 6,808 | 372.7 |
| W. R. Fox | R. #2, Enon Valley | 23.44 | RG | 7,407 | 369.1 |
| C. T. Douthitt | Darlington, R. #2 | 17.30 | R:GrH | 10,263 | 365.7 |
| John F. Bridwell | Pulaski, R. #1 | 8.93 | RG | 7,448 | 365.3 |
| W. G. Lockhart | New Castle, R. #5 | 15.77 | R:GrG:GrH | 8,603 | 368.7 |
| James McChesney | New Galilee, R. #1 | 12.86 | Mixed | 7,709 | 360.8 |
| F. W. Byers | Petersburg, Ohio | 35.72 | R:GrJ | 7,107 | 357.1 |
| Arnold Bros. | Beaver Falls, R. #1 | 11.53 | RG | 7,258 | 352.1 |
| J. W. Bronson | New Galilee, R. #1 | 14.70 | RJ | 5,932 | 348.2 |
| J. A. Boak & Sons | New Castle, R. #4 | 28.12 | R:PJ | 6,600 | 344.9 |
| Arthur B. Williams | Enon Valley, R. 2 | 18.55 | Mixed | 7,043 | 339.2 |
| Wm. W. McCombs | Mahoningtown, R. 7 | 17.35 | R:PJ | 6,427 | 338.2 |
| Kenneth R. Brenner | Rochester, R. #1 | 22.08 | PH:Mix. | 8,687 | 333.7 |
| J. H. Wilson & Son | Wampum, R. 2 | 18.83 | R:GrG:Mix. | 7,710 | 332.9 |
| K. C. McKnight | Volant, R. #3 | 16.43 | Mixed | 8,785 | 324.8 |
| D. H. Brenner | Rochester, R. 1 | 14.18 | P:GrH:PJ | 7,892 | 320.2 |
| F. W. Ferris | New Wilmington, R. 2 | 9.78 | R:GrG | 6,102 | 312.3 |

LEBANON COUNTY

Lebanon County D. H. I. A., Year Ending June 30, 1942

Enos B. Heisey, Tester, R. 1, Sheridan, Pa.

| | | | | | |
|---------------------|----------------|-------|-----------|--------|-------|
| Fairview Farm* | Cornwall | 75.00 | RG | 8,133 | 404.6 |
| Ammon Brubacker | R. 2, Myertown | 6.64 | RH | 11,208 | 397.4 |
| Hubert Miller | R. 2, Myertown | 19.28 | R:GrH | 11,466 | 391.0 |
| F. L. Heilman & Son | Cleona | 16.22 | R:GrH | 10,633 | 385.8 |
| Dr. James Monteith | Annville | 16.94 | RA | 11,018 | 367.3 |
| Harry S. Forney | R. 1, Palmyra | 24.68 | R:GrG | 7,667 | 365.3 |
| Homer Fink | R. 1, Annville | 13.19 | RH | 10,874 | 358.9 |
| Ivan Martin | R. 1, Ephrata | 13.03 | RH | 10,445 | 356.8 |
| David Snyder | Sheridan | 21.65 | R:Gr:S:RH | 8,703 | 322.3 |
| LeRoy Hostetter | R. 2, Annville | 23.50 | RA | 8,662 | 320.7 |
| Jacob Smith | R. 1, Annville | 30.85 | RG | 6,500 | 319.5 |
| Raymond Gible | R. 2, Myertown | 28.72 | R:GrAyr | 8,077 | 317.3 |
| Charles Hackman | R. 1, Ephrata | 12.67 | RA | 7,561 | 316.5 |

LEHIGH COUNTY

Lehigh-Northampton D. H. I. A., Year Ending Feb. 28, 1942

Victor Plastown, Tester, 445 Hamilton St., Allentown, Pa.

| | | | | | |
|--------------------------|---------------------|-------|-------------|--------|-------|
| L. A. Zimmerman* | R. 2, Lehigh | 25.96 | RH | 18,429 | 651.1 |
| Wm. Steigerwalt | R. 1, Lehigh | 13.81 | RH | 12,867 | 476.0 |
| Gehman Dairy Farm, Inc.* | Macungie | 47.28 | R:GrH | 12,937 | 455.4 |
| Victor R. Handwerk | R. 1, Walnutport | 9.44 | RH | 12,773 | 440.7 |
| P. G. Lichtenwalner** | Emmaus | 30.12 | RH | 11,666 | 407.1 |
| Willow Brook Farm | Catasauqua | 43.96 | RG | 8,324 | 398.8 |
| Clark Stroup | Palmerton | 35.28 | R:GrH | 10,427 | 366.5 |
| Allentown State | | | | | |
| Hospital*** | Allentown | 70.07 | R:GrH | 11,333 | 363.3 |
| Carbon County Home | R. 2, Weatherly | 24.73 | GrH | 10,567 | 357.2 |
| M. B. Home Farm | Center Valley | 40.19 | RH | 10,514 | 354.4 |
| Wenz Farms | Breinigsville | 33.02 | R:GrG:R:GrH | 8,307 | 354.2 |
| C. A. Lichtenwalner | Macungie | 12.14 | R:GrH | 10,161 | 353.2 |
| F. C. Behrens & Sons | E. Mauch Chunk | 32.95 | GrH:Mix. | 8,986 | 344.7 |
| Weyhill Farms | R. 4, Bethlehem | 77.59 | RH:RG | 8,458 | 321.7 |
| Trexler Farms | R. 1, Emmaus | 29.92 | R:GrH | 8,372 | 321.5 |
| Stein Brothers | R. 1, Coplay | 23.04 | Mixed | 8,358 | 319.5 |
| Harold Ziegler | R. 1, Breinigsville | 20.81 | RH | 8,871 | 302.3 |

*Herd milked three times daily.

**Part of herd milked three times daily.

***Herd milked three times daily for 5 months.

LUZERNE COUNTY

Luzerne County D. H. I. A., Year Ending Feb. 28, 1942

Frank Horrocks, Tester, 204 Post Office Bldg., Wilkes-Barre

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|--------------------------|-------------------|-----------------|-------|--------------|-------------|
| Harold Wilkinson | Shickshinny, R.D. | 7.10 | RG:GG | 8,108 | 397.4 |
| B. E. Smith | Pittston, R.D. | 13.44 | Mixed | 9,832 | 387.9 |
| Arthur Gay & Son | Dallas, R.D. | 16.52 | RH:GH | 11,075 | 378.2 |
| Luzerne Co. Inst. Dist.* | Retreat | 58.11 | RH | 10,468 | 355.8 |
| Carl Stevens, Jr. | Stillwater, R.D. | 20.51 | RG | 7,158 | 353.3 |
| Corey Major** | Dallas, R.D. | 16.87 | Mixed | 7,795 | 307.5 |
| Waldron Frederick | Conyngham | 21.23 | Mixed | 7,964 | 306.7 |

*Herd Milked three times daily.

**Herd milked three times daily for 9 months.

LYCOMING COUNTY

Lycoming D. H. I. A., Year Ending March 31, 1942

Alva R. Love, Tester, Jersey Shore

| | | | | | |
|--------------------------|----------------|-------|---------|--------|-------|
| Industrial Home* | Muncy | 21.96 | R:GH | 13,301 | 445.9 |
| C. H. Mantle | Nisbet | 11.68 | R:GH | 14,139 | 445.6 |
| J. D. Lunger | Lairdsville | 10.40 | R:GG | 8,747 | 436.0 |
| H. A. Snyder | Montoursville | 22.91 | RH | 12,368 | 432.2 |
| Lee Hanna | Montoursville | 9.95 | PH | 11,432 | 413.9 |
| Herbert J. Shaffer | Jersey Shore | 12.86 | R:GH | 11,672 | 379.0 |
| J. M. Musheno | Jersey Shore | 9.81 | GJ | 7,830 | 362.6 |
| Harry Fenstermaker | Williamsport | 15.34 | GG:Mix. | 8,409 | 360.4 |
| W. D. Snyder | Cogan Station | 23.40 | RH | 10,540 | 351.5 |
| S. L. Nicholson & Son | Muncy | 12.92 | RH | 11,184 | 347.8 |
| G. Fred Hampe | Nisbet | 12.54 | GH | 10,049 | 346.3 |
| Lyc. Co. Inst. Dist. | Montoursville | 16.00 | RH | 10,920 | 344.8 |
| Fay Thompson | Williamsport | 14.25 | Mixed | 8,808 | 342.5 |
| H. R. Paulhamus | Cogan Station | 16.28 | RH | 9,589 | 335.7 |
| Mrs. Mary M. Summerville | Jersey Shore | 13.67 | GH | 10,642 | 333.2 |
| O. A. Shirey | Linden | 27.16 | RH | 9,975 | 333.1 |
| Fred M. Snyder | Cogan Station | 25.42 | R:GH | 9,880 | 324.0 |
| A. J. Sealy | Montgomery | 12.30 | GH | 10,562 | 319.4 |
| Grover Irion | Montoursville | 11.34 | RSw | 8,114 | 315.0 |
| W. B. Chaapel | Williamsport | 19.05 | R:GG | 6,704 | 310.4 |
| H. H. Younkin | Mountoursville | 13.48 | RSw | 7,740 | 303.0 |
| Guy Crist | Jersey Shore | 14.20 | GH | 8,634 | 301.1 |

*Herd milked three times daily.

McKEAN COUNTY

First McKean County D. H. I. A., Year Ending April 30, 1942

L. A. Buchanan, Tester c/o W. A. Ross, Smethport, Pa.

| | | | | | |
|-------------------------|---------------|-------|--------------|--------|-------|
| The Kings' Farm | Ludlow | 16.68 | RG | 8,948 | 445.3 |
| John W. Carlson | Port Allegany | 11.31 | R:GrJ | 8,924 | 437.2 |
| H. A. Thoren | Port Allegany | 23.75 | R:GrH | 12,290 | 428.0 |
| Kirkman Farms | Turtle Point | 19.41 | R:GrH | 11,594 | 413.8 |
| A. T. Larson | Kane | 12.51 | P:GrH | 10,327 | 401.7 |
| McKean County Home | Smethport | 13.73 | RAyr | 10,180 | 401.3 |
| G. E. Olson | Smethport | 23.27 | Mixed | 9,158 | 395.8 |
| Cawley Bros. | Turtle Point | 22.63 | P:GrH | 11,046 | 380.0 |
| Ideal Farms | Kane | 59.84 | RG | 8,047 | 376.9 |
| Levine Nelson | Port Allegany | 12.98 | R:GrH | 10,138 | 362.8 |
| G. L. Carlson | Turtle Point | 36.66 | R:GrH | 10,747 | 360.4 |
| George Dickson | Kane | 9.32 | R:GrAyr:Mix. | 8,720 | 356.1 |
| P. W. Wiese-Alton Scutt | Ceres, N. Y. | 13.49 | GrH | 10,400 | 350.0 |
| Edward White | Ceres, N. Y. | 26.22 | R:GrJ | 7,364 | 346.6 |
| Glenn Dillenbeck | Turtle Point | 15.09 | R:GrAyr | 8,204 | 344.2 |
| Richard Carlson | Port Allegany | 10.32 | GrJ | 6,808 | 341.5 |
| Wahlberg Bros. | Kane | 23.33 | R:GrG:R:GrH | 8,181 | 339.2 |
| Emil Lundgren | Port Allegany | 13.29 | R:GrJ:GrAyr | 7,523 | 328.5 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|-----------------------|------------------|-----------------|-------------|--------------|-------------|
| Gustafson Bros. | Kane | 21.69 | R:GrG | 7,336 | 319.8 |
| E. S. O'Mara | Bradford, Box 72 | 61.30 | R:GrH:R:GrG | 8,622 | 318.8 |
| Milford Nelson | Wrights | 12.41 | R:GrH | 9,094 | 316.1 |
| Wm. B. Robson | Eldred | 17.87 | R:GrH:GrJ | 7,930 | 314.3 |
| Mrs. Lena Michelitsch | Port Allegany | 13.69 | GrJ | 7,035 | 309.2 |

MERCER COUNTY

Grove City D. H. I. A., Year Ending June 30, 1942

Paul McCauslin, Tester, c/o C. H. Waha, County Agent, Mercer, Pa.

| | | | | | |
|----------------------|----------------|-------|-----------|--------|-------|
| Mercer Sanitarium | Mercer | 11.71 | RJ | 9,292 | 501.2 |
| A. D. Ramsey | Volant | 15.61 | RJ | 9,278 | 484.1 |
| M. M. King | Mercer | 12.84 | RH | 13,638 | 475.6 |
| W. D. White | Grove City | 13.34 | RH | 12,708 | 459.5 |
| R. N. Moose & Sons | Mercer, 2 | 18.98 | RJ | 8,223 | 428.7 |
| L. M. Cummings | Mercer | 17.03 | RJ | 7,727 | 423.9 |
| N. L. Dick | Stoneboro | 11.59 | R:GrJ | 7,515 | 418.3 |
| J. H. Buckley | Stoneboro | 13.93 | R:GrJ | 7,630 | 418.0 |
| K. G. Bowmer | Stoneboro | 11.92 | GrG:GrJ | 8,361 | 409.4 |
| W. I. Blake | Mercer, 6 | 21.53 | RJ | 7,773 | 408.7 |
| R. C. Henderson | Stoneboro | 11.22 | R:GrJ | 7,467 | 407.2 |
| Odd Fellows Home | Grove City | 19.89 | R:GrJ | 11,939 | 400.0 |
| T. P. Campbell | Grove City | 13.55 | R:GrG:GrH | 8,835 | 397.3 |
| S. S. Babcock | Mercer | 8.78 | RJ | 7,807 | 396.3 |
| C. L. Amon | Stoneboro | 12.30 | R:GrJ | 7,742 | 390.9 |
| H. L. Sankey | Volant | 21.09 | R:GrH:RJ | 10,929 | 387.0 |
| D. E. Vogan | Mercer | 15.42 | R:GrJ:GrG | 8,141 | 385.6 |
| C. R. Little & Sons | Jackson Center | 21.14 | GrJ | 7,551 | 385.4 |
| H. J. Buckley | Stoneboro | 11.16 | P:GrJ | 7,086 | 383.9 |
| A. M. King | Mercer | 16.72 | R:GrJ | 7,904 | 383.4 |
| J. N. Pew Estate | Mercer | 21.69 | R:GrG | 8,040 | 383.2 |
| G. G. McDowell | Grove City | 21.47 | RJ | 7,067 | 376.5 |
| A. L. Campbell & Son | Grove City | 26.75 | R:GrJ | 7,578 | 374.3 |
| K. W. Struthers | Mercer | 13.08 | GrG | 7,182 | 334.1 |
| D. G. Grace | Grove City | 15.18 | R:GrJ | 6,254 | 332.3 |

Mercer No. 3 D. H. I. A., Year Ending June 30, 1942

Albert Wolfgang, Carolyn Brown, Testers, c/o C. H. Waha, County Agent, Mercer, Pa.

| | | | | | |
|---------------------|----------------|-------|------------|--------|-------|
| C. P. Minner | Sharon | 12.86 | GrJ | 9,889 | 535.2 |
| Mercer County Home* | Mercer | 32.53 | RH | 13,939 | 484.4 |
| P. W. Alexander | Mercer | 15.81 | P:GrJ | 9,157 | 471.9 |
| Zahniser Bros. | Mercer | 18.41 | R:GrH | 12,913 | 451.1 |
| A. D. Willaman | Transfer | 15.11 | RJ | 7,863 | 424.1 |
| D. J. Willaman | Transfer | 14.61 | R:GrJ | 7,603 | 414.8 |
| Wilhelm Bros. | Sharon | 29.76 | R:GrG | 8,807 | 408.7 |
| John Morrison | Transfer | 25.93 | PJ | 7,758 | 390.5 |
| R. E. Bollenbacher | Greenville | 18.10 | GrG:GrH | 8,706 | 382.0 |
| L. R. Cox | Pulaski | 22.96 | RG | 8,298 | 369.2 |
| W. H. Crawford | Mercer | 29.39 | GrG:GrH | 9,026 | 368.6 |
| Homestead Dairy | Sharpsville | 26.48 | R:GrG:GrJ | 7,762 | 341.3 |
| LaVerne Clark | Greenville | 11.45 | GrG:Mix. | 7,728 | 340.3 |
| S. J. Gilliland | Pulaski | 10.04 | Mix. | 8,494 | 338.0 |
| Wilbert Reno | Sharpsville | 23.51 | R:GrG:Mix. | 7,046 | 337.8 |
| B. F. Cannon | West Middlesex | 21.21 | GrG:GrH | 7,802 | 332.7 |
| Rev. H. E. Woods | Transfer | 39.47 | R:GrG:GrH | 6,963 | 326.5 |
| F. H. Wheeler | Hubbard, Ohio | 16.62 | RH | 9,420 | 325.4 |
| Oak Knoll Farm | Sharpsville | 17.14 | RH:GrJ | 8,182 | 316.4 |
| Shine Bros. | Jamestown | 28.47 | RH | 8,819 | 315.2 |

*Herd milked three times daily.

Grove City No. 2 D. H. I. A., Year Ending Aug. 31, 1942
 Delmer Boyce, Tester, c/o C. H. Waha, County Agent, Mercer, Pa.

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|-----------------|----------------|-----------------|----------|--------------|-------------|
| Bailey Walker | Sandy Lake, 3 | 18.15 | GrG:Mix. | 9,407 | 453.0 |
| J. D. Baker | Grove City | 11.91 | R:GrJ | 7,150 | 380.4 |
| L. L. McQuiston | Sandy Lake | 10.41 | Mix. | 9,630 | 354.2 |
| F. W. Pizor | Jackson Center | 17.37 | GrJ:GrG | 6,410 | 322.4 |
| Mont Smith | Jackson Center | 12.11 | GrJ:Mix. | 6,843 | 320.3 |
| W. J. Paxton | Sandy Lake | 11.02 | P:GrJ | 6,306 | 310.9 |

MIFFLIN COUNTY

Mifflin County Ass'n. D. H. I. A., Year Ending July 31, 1942

Glenn Kinsel, Tester, McVeytown, Pa.

| | | | | | |
|----------------------|-------------|-------|-----------|--------|-------|
| Paul E. Yoder | Mattawana | 17.67 | R:GrJ | 9,091 | 465.9 |
| Archie King | Belleville | 17.69 | RJ | 8,977 | 452.3 |
| H. H. Bradford | Lewistown | 11.16 | RH | 12,258 | 451.1 |
| Rudy Yoder | Belleville | 36.30 | R:GrH | 11,660 | 444.7 |
| Harvey Peachey | Belleville | 12.93 | R:GrH | 10,808 | 429.0 |
| John Fleming | Belleville | 12.56 | R:GrH | 11,295 | 428.0 |
| Howard Houser | Reedsville | 17.29 | R:GrH | 10,746 | 410.7 |
| J. W. Rogers | McVeytown | 18.59 | R:GrG:RH | 9,109 | 405.2 |
| W. L. Bradford & Son | Lewistown | 20.56 | R:GrH | 11,267 | 402.2 |
| Charles J. Metz | Belleville | 8.19 | RH | 10,521 | 387.7 |
| E. J. Harshbarger | Mattawana | 16.29 | RJ | 7,133 | 376.8 |
| Jacob Yoder | Belleville | 14.45 | GrH:GrG | 9,862 | 376.5 |
| David J. Yoder | Reedsville | 25.23 | R:GrH:GrG | 10,952 | 370.8 |
| Luther Dunmire | McVeytown | 16.29 | GrH | 10,361 | 367.2 |
| Jonathan Peachey | Reedsville | 17.97 | R:GrH | 9,285 | 348.0 |
| Edwin L. Hooker | Belleville | 21.72 | RG | 7,150 | 347.9 |
| Samuel Metz | Allensville | 12.52 | R:GrH:GrG | 8,621 | 347.3 |
| S. C. Mitchell | Lewistown | 18.51 | R:GrH | 9,335 | 341.9 |
| J. Reed Goss | Lewistown | 19.63 | GrH | 9,339 | 341.7 |
| J. Martin Spigelmyer | McClure | 12.06 | RH | 9,606 | 340.4 |
| H. B. Kearns | Lewistown | 18.88 | R:GrH | 9,642 | 340.3 |
| Jesse H. Ranck | Lewistown | 10.00 | R:GrH | 10,595 | 339.4 |
| E. O. Kinsel | McVeytown | 12.52 | GrH:GrG | 9,157 | 334.2 |
| T. B. Goss | Lewistown | 34.91 | GrH | 9,062 | 318.8 |
| Cloyd P. Ziegler | Lewistown | 8.54 | GrH:GrJ | 8,393 | 311.5 |

Mifflin II D. H. I. A., Year Ending July 31, 1942

Ray Brown, Tester, c/o J. C. Thompson

| | | | | | |
|------------------|------------|-------|-----------|--------|-------|
| E. E. Yoder | Reedsville | 20.75 | R:GrH | 11,522 | 380.8 |
| Reed McNitt | Milroy | 29.60 | R:GrH | 10,311 | 370.8 |
| Earl A. Brubaker | Milroy | 11.76 | R:GrH | 9,526 | 359.4 |
| Jacob D. Byler | Belleville | 18.98 | RAys:GrG | 8,415 | 353.7 |
| C. W. Bonson | Reedsville | 9.10 | RH | 10,335 | 351.0 |
| Hayes & Rogers | Belleville | 7.75 | R:GrH | 9,613 | 346.5 |
| R. E. Wagner | Reedsville | 11.82 | R:GrH | 10,009 | 342.9 |
| S. M. Yoder | Belleville | 13.36 | R:GrH | 9,169 | 340.0 |
| A. Reed Hayes | Belleville | 17.75 | RAys:Mix. | 8,233 | 306.1 |

MONROE COUNTY

Monroe County D. H. I. A., Year Ending June 30, 1942

Arthur VanCampen, Miss Carol Morton, Testers, Lake Ariel, Pa.

| | | | | | |
|-------------|-------------|-------|-------|-------|-------|
| Gould Bros. | Effort, Pa. | 43.60 | Mixed | 8,382 | 334.5 |
|-------------|-------------|-------|-------|-------|-------|

MONTGOMERY COUNTY

Montgomery No. 1, D. H. I. A., Year Ending April 30, 1942

Gilbert T. Hess, Tester, Norristown, Pa.

| | | | | | |
|------------------|--------------------|-------|------|-------|-------|
| Silver Lake Farm | Norristown, R.D. 3 | 24.64 | R:GG | 8,809 | 423.4 |
| Clay C. Hess | Royersford, R. 1 | 18.37 | GG | 9,256 | 422.4 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|------------------------|--------------------|-----------------|-------|--------------|-------------|
| Wayne S. Schultz | East Greenville | 15.71 | RH | 12,157 | 409.9 |
| Harvey Murphy | Norristown, R.D. | 22.82 | R:GH | 10,840 | 399.3 |
| Alvin L. Funk | Collegeville, R. 1 | 16.64 | RG | 7,858 | 389.4 |
| J. L. Wood and Sons | Pennsburg, R.D. | 26.88 | RH | 10,962 | 380.1 |
| Lockerbie Farm | Hatfield | 26.00 | Mixed | 8,595 | 377.7 |
| Charles E. Fetterman | Barto, R.D. 2 | 30.06 | Mixed | 9,862 | 366.4 |
| Homer Schultz | Hereford | 19.17 | RH | 10,386 | 362.3 |
| H. D. Allebach | Collegeville | 20.41 | RH | 10,257 | 362.0 |
| Lindquist and Sons | Willow Grove | 88.54 | Mixed | 8,989 | 356.4 |
| Montg. County Home | Royersford | 25.66 | RH | 9,890 | 352.6 |
| Harald H. Gade | Norristown, R.D. | 18.84 | R:GG | 7,283 | 340.2 |
| Mrs. Howard Bieler | East Greenville | 20.51 | R:GH | 10,134 | 340.0 |
| Silver Spring Farm | Norristown, R.D. 4 | 14.64 | P:GG | 7,117 | 334.4 |
| S. W. Stearly | Collegeville | 20.41 | Mixed | 8,112 | 331.4 |
| Farview Farm | Maple Glen | 40.09 | RG | 6,904 | 328.9 |
| Francis McClure & Sons | North Wales | 26.22 | GG | 7,553 | 321.5 |
| Charles K. Johnson | Telford, R. D. | 19.85 | Mixed | 7,182 | 301.8 |
| Dr. L. N. Cooper | Montgomeryville | 18.41 | R:GG | 6,008 | 300.4 |

Montgomery No. 2 D. H. I. A., Year Ending Oct. 31, 1942

David Magill, Tester, Norristown, Pa.

| | | | | | |
|----------------------|------------------|--------|------|--------|-------|
| William Pratt, Jr. | Willow Grove | 21.75 | GHG | 10,470 | 415.2 |
| Abram Z. Rittenhouse | Lansdale | 18.81 | R:GH | 11,033 | 388.2 |
| Clemwals Farm | Souderton | 30.03 | RHG | 9,856 | 381.3 |
| Dreamsholm | Maple Glen | 18.92 | RJ | 7,122 | 376.6 |
| State Hospital | Norristown | 110.36 | R:GH | 10,933 | 375.9 |
| Carson College | Flourtown | 6.90 | GG | 8,376 | 373.7 |
| Spring Run Farm | Dresher | 16.26 | RG | 7,858 | 369.7 |
| Maywin Farm | Arcoia | 30.34 | RG | 7,455 | 369.2 |
| Whitpain Farm | Ambler | 18.42 | RJ | 7,698 | 366.3 |
| Holiday Farm | Norristown, R. 2 | 20.36 | RG | 7,161 | 347.9 |
| Alpheus Ruth | Kulpsville | 14.83 | RHG | 9,096 | 340.5 |
| Charles Shuman | Norristown, R. 4 | 22.52 | RHG | 9,358 | 340.0 |
| Normandy Farms | Norristown, R. 3 | 112.84 | RA | 8,594 | 335.7 |
| Frank Sharp | Ambler | 41.79 | R:GG | 6,727 | 333.0 |
| J. D. Mitchell | Lafayette Hill | 23.97 | RA | 7,865 | 312.1 |

NORTHAMPTON COUNTY

Northampton County No. 1 D. H. I. A., Year Ending Feb. 28, 1942

Claude R. Shultz, Tester, Bangor, R. 2, Pa.

| | | | | | |
|-----------------------|------------------|-------|-----------|--------|-------|
| Frank Butz | Bangor, R. 2 | 11.04 | RH | 11,777 | 408.9 |
| W. Homer McEwen | Bangor, R. 2 | 9.95 | RAyr:GrH | 9,499 | 379.9 |
| George Butz | Bangor, R. 2 | 12.19 | RH | 11,075 | 372.8 |
| Elwood Brewer | Pen Argyl, R. 1 | 8.06 | GrH:Mixed | 10,017 | 366.1 |
| Omer Dietterich | Bangor, R. 2 | 13.29 | R:GrH | 10,040 | 362.4 |
| John Duran & Brothers | Pen Argyl, R. 1 | 14.00 | R:GrH | 10,017 | 357.8 |
| Carmon Comunale | Bangor, R. 1 | 13.11 | GrH:GrJ | 9,302 | 357.6 |
| Elwood Dietterich | Bangor, R. 2 | 9.41 | R:GrH | 9,874 | 356.9 |
| Charles Titman | Mt. Bethel, R. 1 | 17.11 | GrH | 10,018 | 352.8 |
| Raymond Beck | Mt. Bethel, R. 1 | 10.94 | R:GrH | 9,674 | 333.7 |
| Henry Sandt | Mt. Bethel, R. 1 | 14.22 | R:GrH | 8,607 | 314.0 |
| Shoemaker & Sons | Mt. Bethel, R. 1 | 24.79 | GrH:Mixed | 8,061 | 311.8 |
| William J. Achenbach | Pen Argyl, R. 1 | 7.24 | GrH:Mixed | 8,037 | 310.6 |
| Floyd J. Shook | Pen Argyl, R. 1 | 23.16 | RH | 8,439 | 301.1 |

Northampton No. 2 D. H. I. A., Year Ending Feb. 28, 1942

Charles E. Beck, Tester, 55 South Main St., Nazareth

| | | | | | |
|------------------------|--------------|-------|-------|--------|-------|
| Easton Children's Home | Easton | 8.43 | RH | 12,232 | 431.8 |
| Gall Brothers | Easton, R. 1 | 18.85 | R:GrH | 11,230 | 406.8 |
| B. L. Hindenach | Easton, R. 4 | 59.97 | RH | 10,519 | 394.9 |
| Vernon Smith | Easton, R. 2 | 21.94 | GrH | 10,557 | 383.5 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|--------------------------|-----------------|-----------------|-----------|--------------|-------------|
| Harry F. Roth..... | Nazareth, R. 2 | 8.64 | RH | 11,116 | 381.4 |
| George W. Buss..... | Easton, R. 3 | 10.41 | RG | 7,919 | 377.3 |
| Northampton | | | | | |
| County Home..... | Nazareth | 20.92 | R:GrH | 10,515 | 367.5 |
| Harry Michael..... | Easton, R. 3 | 13.85 | R:GrH | 10,547 | 363.3 |
| George Willauer..... | Nazareth, R. 3 | 5.70 | GrG | 7,323 | 359.4 |
| John Buss & Son..... | Nazareth, R. 1 | 9.87 | R:GrG | 7,838 | 356.4 |
| Calvin Ruch..... | Easton, R. 3 | 12.79 | GrH:Mixed | 9,999 | 355.1 |
| Hugh Moore..... | Easton, R. 3 | 16.31 | R:GrH | 10,591 | 353.6 |
| Ellis Frable..... | Bethlehem, R. 1 | 18.57 | GrH:Mixed | 9,228 | 348.9 |
| Eugene Kostenbader..... | Nazareth, R. 2 | 23.35 | R:GrJ | 6,633 | 348.0 |
| Harry Peters..... | Easton, R. 2 | 25.18 | GrH:Mixed | 9,486 | 344.3 |
| Harry Clewell..... | Easton, R. 2 | 18.03 | GrH:GrG | 8,653 | 335.6 |
| George Dewalt..... | Easton, R. 2 | 19.42 | R:GrH | 8,911 | 322.7 |
| Roy J. Moser..... | Bethlehem, R. 1 | 16.62 | R:GrH | 8,915 | 317.2 |
| Thomas Kostenbader & Son | Nazareth | 38.72 | GrG:Mixed | 7,222 | 311.1 |
| Clayton Lambert..... | Easton, R. 1 | 19.92 | RH | 8,780 | 309.3 |

NORTHUMBERLAND-SNYDER COUNTIES

Northumberland-Snyder D. H. I. A., Year Ending March 31, 1942

Alvin Smith, Tester, Turbotville, R.D.

| | | | | | |
|--------------------------|---------------------|--------|-------------|--------|-------|
| State Colony*..... | Selinsgrove | 42.22 | R:GrH | 13,173 | 460.6 |
| Clarence M. Bailey..... | Beavertown | 15.80 | GrH | 11,137 | 418.7 |
| H. J. Masters..... | Sunbury, R.D. | 28.09 | RH | 11,251 | 407.9 |
| H. E. Kuster..... | Selinsgrove | 9.87 | R:GrH | 11,993 | 398.2 |
| J. Ray Keiser..... | White Deer | 9.75 | RG | 7,918 | 393.4 |
| C. E. Witmer..... | Dalmatia, R.D. 1 | 34.13 | R:GrG | 8,080 | 392.6 |
| W. A. Boyer..... | Selinsgrove | 11.34 | RH | 11,874 | 389.4 |
| D. H. Hoffman..... | Richfield | 8.64 | RG | 7,735 | 388.9 |
| W. C. Gauger..... | Watsonstown, R.D. 2 | 13.08 | RH | 11,202 | 385.3 |
| Ernest E. Ritter..... | Winfield | 26.48 | R:GrG | 7,375 | 371.8 |
| E. W. Milhiem..... | Watsonstown, R.D. 2 | 24.33 | P:GrG:GrH | 8,787 | 362.0 |
| Mark Witmer..... | Dalmatia, R.D. 1 | 16.17 | R:GrG:GrH | 7,718 | 361.3 |
| George S. Wesner..... | Watsonstown | 18.38 | P:GrH:GrG | 9,321 | 360.1 |
| Fisher Brothers..... | Kreamer | 20.36 | R:GrH | 9,965 | 360.0 |
| I.O.O.F. Orphanage..... | Sunbury | 16.91 | R:GrH | 10,518 | 355.6 |
| A. J. Hollanbach..... | Middleburg | 14.74 | R:GrAry | 8,713 | 347.5 |
| | | | Mixed | | |
| S. W. Engle..... | Sunbury | 35.25 | R:GrG:P:GrH | 8,806 | 343.2 |
| Miss Elizabeth Love..... | Bloomsburg, R. 1 | 13.55 | GrG:GrH | 7,815 | 342.2 |
| L. L. Crissinger..... | Dornsife, R.D. | 117.56 | R:GrH | 9,609 | 340.4 |
| Max Long..... | Hickory Corners | 5.65 | R:GrG:RH | 6,903 | 332.4 |
| J. L. Frederick..... | Milton, R.D. | 8.66 | R:GrG | 7,496 | 318.6 |
| E. G. Wincy..... | Middleburg | 13.61 | R:PG | 6,143 | 316.0 |
| Irvin E. Brosius..... | Sunbury | 11.23 | RG | 6,329 | 315.7 |
| J. A. Phillips..... | Sunbury | 12.25 | PH | 8,469 | 300.8 |

*Herd milked three times daily.

PERRY COUNTY

Perry County D. H. I. A., Year Ending Feb. 28, 1942

Bruce E. Beaver, Tester, Wila, Penna.

| | | | | | |
|-----------------------|------------------|-------|-------|--------|-------|
| Homer T. Gabel..... | Newport, Pa. | 15.24 | R:GrH | 12,345 | 445.1 |
| George F. Rice..... | Blain, Pa. | 10.59 | R:GrH | 12,236 | 432.4 |
| Milmay Farm | | | | | |
| (Ward Milligan)*..... | Loysville, Pa. | 13.41 | RH | 11,627 | 407.5 |
| George B. Black..... | Millerstown, Pa. | 11.66 | RH | 10,879 | 403.8 |
| Dwight McMillen..... | Loysville, Pa. | 10.75 | R:GrH | 11,682 | 399.2 |
| Stanley T. Gabel..... | Newport, Pa. | 11.41 | RH | 11,185 | 394.1 |
| Charles R. Kline..... | Newport, Pa. | 10.37 | R:GrG | 8,174 | 388.0 |
| Jerry R. Lyons..... | Loysville, Pa. | 11.65 | GrH | 11,576 | 382.2 |
| Harry R. Bixler..... | Millerstown, Pa. | 8.28 | R:GrH | 10,153 | 380.1 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|--------------------------|---------------------|-----------------|------------|--------------|-------------|
| Ed. M. Dobbs..... | Loysville, Pa. | 11.70 | R:GrJ | 6,962 | 376.8 |
| John K. Hall & Sons..... | Millerstown, Pa. | 24.07 | R:GrH:GrG | 9,363 | 375.8 |
| Beaver Brothers..... | Millerstown, Pa. | 15.05 | R:PH | 10,856 | 368.0 |
| Ralph L. Smith..... | Millerstown, Pa. | 17.72 | R:GrH | 10,656 | 358.2 |
| Harry K. Kraft..... | Newport, Pa. | 12.72 | RG | 7,633 | 354.9 |
| Clark B. Rice..... | New Bloomfield, Pa. | 11.23 | R:GrH:Mix. | 9,208 | 336.3 |
| H. R. Cooper..... | Landisburg, Pa. | 13.39 | R:GrH | 9,792 | 335.8 |
| H. N. Bernheisel..... | Green Park, Pa. | 10.00 | RH | 10,106 | 331.2 |
| Roy D. Reeder..... | Loysville, Pa. | 11.22 | R:GrH | 8,492 | 317.1 |
| W. L. Weibley..... | Ickesburg, Pa. | 10.82 | RH | 9,264 | 308.8 |

*Herd milked three times daily for 2 months.

POTTER COUNTY

Ulysses D. H. I. A., Year Ending Oct. 31, 1942

Paul Hemphill, Coudersport, Pa.; Raymond Baker, Ulysses, Pa.; Testers

| | | | | | |
|-------------------------|-------------------|-------|------------|--------|-------|
| C. C. Buck & Son..... | Ulysses | 16.19 | RH | 13,342 | 491.9 |
| Norman C. Chapman*..... | Genesee | 11.79 | RH | 14,435 | 483.1 |
| Lawrence Buck..... | Ulysses | 27.19 | RH | 13,066 | 447.3 |
| Stanley Welfling..... | Germania | 10.00 | R:PH | 12,118 | 442.5 |
| J. K. Martin..... | Galeton | 13.16 | R:GrH | 11,663 | 439.0 |
| Edward M. Jones..... | Wellsville, N. Y. | 17.75 | RH | 12,069 | 418.1 |
| Erwin Traub..... | Galeton | 10.46 | R:GrH | 11,946 | 415.1 |
| Arling Judd..... | Harrison Valley | 11.99 | R:GrH | 11,425 | 398.6 |
| C. W. Warriner..... | Harrison Valley | 16.19 | RH | 11,617 | 394.8 |
| L. C. Traub..... | Galeton | 9.66 | RH | 10,527 | 381.5 |
| C. S. Ladd..... | Ulysses | 11.33 | PH:PJ | 10,247 | 378.8 |
| Rosell Leete & Son..... | Coudersport | 30.35 | RH | 10,815 | 378.6 |
| C. L. Holbert..... | Genesee | 17.09 | R:GrH | 11,509 | 377.5 |
| Preston Erway*..... | Genesee | 26.88 | RH | 10,994 | 366.0 |
| W. E. Cary..... | Harrison Valley | 18.39 | RAYr | 8,646 | 361.7 |
| Francis Handwerk..... | Germania | 11.39 | R:PH | 9,419 | 358.1 |
| Forest Burdick..... | Ulysses | 16.80 | R:GrH | 9,830 | 339.9 |
| H. E. Jones..... | Millport | 9.59 | RH | 9,523 | 338.1 |
| Potter Co. Home..... | Coudersport | 31.47 | RAYr | 8,463 | 325.9 |
| C. M. Barker & Son..... | Ulysses | 26.71 | RAYr:RH | 7,960 | 323.8 |
| Little & Paul..... | Westfield | 24.24 | GrH | 9,718 | 318.0 |
| Walter Beiser..... | North Bingham | 15.44 | P:GrH:Mix. | 7,464 | 300.1 |

Potter County #2 D. H. I. A., Year Ending April 30, 1942

B. Wayne Kelley, Tester, c/o Agri. Ext. Assoc., Coudersport, Pa.

*Part of herd milked three times daily.

| | | | | | |
|------------------------|--------------|-------|-------|--------|-------|
| Harry B. Lent..... | Coudersport | 21.84 | RH | 10,939 | 383.4 |
| Harry L. Hanks..... | Shinglehouse | 7.48 | R:GrJ | 6,963 | 372.1 |
| John Bauer..... | Emporium | 20.44 | R:GrH | 10,737 | 360.6 |
| Ray Goodrich..... | Roulette | 17.24 | Mixed | 8,554 | 359.9 |
| Harry B. Cass..... | Coudersport | 27.68 | GrH | 10,354 | 339.6 |
| B. P. Long*..... | Coudersport | 15.67 | GrH | 8,100 | 304.1 |
| Ernest R. Orcutt*..... | Westfield | 15.89 | RH | 9,164 | 301.0 |

*Herd milked three times daily.

SCHUYLKILL COUNTY

Schuylkill County D. H. I. A., Year Ending March 31, 1942

Henry Lindner, Tester, Zion Grove, Pa.

| | | | | | |
|-------------------------------|---------------|-------|-------------|--------|-------|
| Mrs. Maud Richards*..... | Pottsville | 16.00 | R:GrH:R:GrG | 14,418 | 541.0 |
| Clarence Breiner..... | Tamaqua | 13.32 | RJ | 9,154 | 471.1 |
| Luzerne Co. Ind. School*..... | Kis-lyn | 54.75 | RH | 13,444 | 455.7 |
| U. E. Rhein..... | Pine Grove | 22.79 | RJ | 8,157 | 426.6 |
| Daniel Heisler..... | Tamaqua, R.D. | 20.69 | R:GrH:RJ | 10,612 | 415.7 |
| Isaiah Heisler..... | Tamaqua, R.D. | 21.02 | R:GrH:RJ | 11,295 | 403.8 |
| Jonathan Herring..... | Pine Grove | 19.86 | R:GrJ | 7,552 | 398.3 |
| Arthur Heisler..... | Tamaqua, R.D. | 24.30 | R:GrH | 10,490 | 388.1 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|---------------------------|------------------|-----------------|-------------|--------------|-------------|
| Pecoras Farm Dairy | Drums | 61.81 | RH | 11,933 | 378.9 |
| I. Earl Paxson | Sch. Haven | 22.69 | RH | 11,141 | 373.4 |
| William Schwartz | Sch. Haven | 25.96 | R:GrH:GrG | 10,870 | 372.0 |
| Buechley Farms | Pine Grove, R.D. | 14.46 | RJ | 7,430 | 367.2 |
| Roy Gauker | Cressona | 11.74 | R:GrH | 10,556 | 358.5 |
| Bast Brothers | Summit Station | 30.79 | R:GrH:R:GrG | 9,978 | 350.2 |
| Guy S. Reed | Summit Station | 14.89 | R:GrH | 10,293 | 350.0 |
| Roy Hunter | Ashland, R.D. | 23.03 | GrH:Mix. | 9,411 | 343.3 |
| Webster Wagner | Tamaqua, R.D. | 38.73 | R:GrH:R:GrG | 8,947 | 337.1 |
| Emerich's Sunnyside Dairy | Tamaqua, R. 1 | 23.32 | R:GrG | 6,950 | 332.4 |
| Robert C. Ludwig | Hegins, R. 2 | 24.23 | R:GrH:R:GrG | 9,196 | 328.3 |
| A. T. Riegel | Landingville | 27.92 | RH | 9,421 | 323.3 |
| Schuylkill Inst. Dist. | Sch. Haven | 27.66 | R:GrAyr | 8,254 | 315.5 |

*Herd milked three times daily.

SOMERSET COUNTY

Somerset County No. 1, D. H. I. A., Year Ending March 31, 1942

Robert E. Peck, Lester, A. Lape, Testers, Somerset, Pa.

| | | | | | |
|------------------|---------------|-------|------------|--------|-------|
| Jacob S. Yoder | Salisbury #1 | 21.55 | R:GrJ | 8,166 | 455.3 |
| Eli Yoder | Grantsville | 17.54 | RJ | 8,694 | 436.4 |
| Meyers Brothers | Meyersdale | 26.76 | R:Br:Sw | 10,497 | 435.7 |
| Edward Yoder | Grantsville | 14.93 | GrJ | 8,434 | 434.5 |
| Wilbert Brant | Friedens #1 | 22.64 | GrG:Mix. | 9,687 | 433.1 |
| Elmer D. Schrock | Grantsville | 23.81 | GrG:GrJ | 7,689 | 391.3 |
| State Hospital | Somerset | 53.13 | RH | 11,816 | 389.4 |
| O. W. Beachley | Somerset #5 | 14.89 | R:PH | 11,701 | 388.3 |
| Menno J. Yoder | Meyersdale | 37.42 | RJ | 7,288 | 374.3 |
| Fred Ross | Friedens #2 | 18.24 | R:GrH | 9,821 | 362.3 |
| Gladen Walker | Somerset #5 | 11.28 | R:GrH:Mix | 8,932 | 352.3 |
| Walter E. Yoder | Meyersdale #2 | 20.06 | R:GrJ:GrG | 6,672 | 343.3 |
| Harry Stevanus | Meyersdale #2 | 8.83 | Mixed | 6,944 | 343.2 |
| Harry Ringler | Somerset #5 | 26.41 | GrH | 9,403 | 340.1 |
| Irvin E. Yoder | Grantsville | 23.52 | R:GrG | 6,767 | 339.3 |
| George Flamm | Berlin #3 | 17.68 | Mixed | 7,949 | 333.9 |
| Noah Beachy | Meyersdale #2 | 14.04 | R:GrJ:GrH | 6,784 | 317.1 |
| Austin Ringler | Berlin #2 | 15.28 | R:GrH | 8,511 | 312.6 |
| Joseph Croner | Berlin | 24.58 | R:GrH:Mix. | 8,042 | 308.8 |
| A. R. Knepper | Berlin #2 | 15.60 | GrH:Mixed | 7,717 | 300.8 |

Somerset No. 2, D. H. I. A., Year Ending Spet. 30, 1942

Lester A. Lape, J. Robert Hinton, Testers, Somerset, Pa.

| | | | | | |
|-----------------|-------------|-------|------------|--------|-------|
| J. Gordon Brant | Somerset #5 | 14.94 | Mixed | 10,521 | 452.2 |
| Paul W. Brant | Friedens #2 | 12.58 | GrG:Mix. | 9,372 | 427.6 |
| Owen Beeghly | Somerset #1 | 19.61 | GrH:Mix. | 11,172 | 386.3 |
| D. P. Everline | Wellersburg | 6.55 | RG | 7,216 | 359.5 |
| David Fodder | Somerset #4 | 16.02 | R:GrJ:Mix. | 7,437 | 327.1 |
| George Marteeny | Somerset #6 | 24.30 | Holstein | 8,780 | 317.4 |

SULLIVAN COUNTY

Sullivan County D. H. I. A., Year Ending Sept. 30, 1942

Lyle Morgan, Wheelerville; Harold Plastow, Benton, Testers

| | | | | | |
|--------------------|--------------|-------|-----------|-------|-------|
| F. W. Crofut & Son | Wheelerville | 13.30 | R:GrH:GrG | 9,308 | 390.8 |
| Alvin Rightmire | Forksville | 20.17 | GrH | 9,212 | 346.1 |
| L. C. Tomkins | Ellenton | 9.54 | RH | 9,725 | 343.4 |
| Frank Woohead | Forksville | 14.34 | GrG | 6,873 | 319.7 |
| B. C. Adams, Est. | Colley | 9.40 | GrG | 6,153 | 312.6 |

SUSQUEHANNA COUNTY

Choconut Valley D. H. I. A., Year Ending June 30, 1942

| | | | | | |
|------------------|--|-------|-------|--------|-------|
| Lloyd C. Potter | Kingsley, Pa.; Hazel G. Conklin, Present Tester, Montrose, Pa., #3 | | | | |
| Thomas J. Murphy | Brackney | 26.00 | R:GrH | 10,862 | 390.3 |
| A. J. Patton | Brackney | 18.27 | R:GrH | 10,724 | 387.1 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|------------------|----------------|-----------------|------------|--------------|-------------|
| E. B. Ely & Son | Kingsley | 64.81 | R:GrH:GrJ | 9,831 | 370.1 |
| G. C. Shafer | Brackney | 20.98 | GrH | 10,756 | 367.6 |
| Wright Giffin | LeRaysville | 21.69 | RJ | 6,596 | 357.0 |
| Leland C. Fuller | Laceyville | 21.18 | R:GrH | 9,613 | 331.8 |
| Fred Moscrip | Rushville | 32.02 | R:GrJ:Mix. | 7,071 | 320.0 |
| Joseph Murphy | Little Meadows | 27.01 | GrH | 8,377 | 310.2 |

Gelatt - South Gibson D. H. I. A., Year Ending Oct. 31, 1942

Harold J. Mack, Miss Elsbeth MacConnell, Testers, Kingsley, Pa.

| | | | | | |
|-------------------|---------------------|-------|-----------|--------|-------|
| Cordie Allen* | Nicholson, Pa. | 21.62 | RH | 13,242 | 455.7 |
| Joseph Nataline** | Thompson, Pa. | 16.98 | RH | 12,068 | 410.0 |
| John Booth Farms | Carbondale, Pa., #1 | 15.80 | RJ | 7,909 | 405.0 |
| Royal Wilmont | Jermyn, Pa. | 15.24 | R:GrH | 10,412 | 393.4 |
| Everett Lee*** | Carbondale, Pa., #1 | 20.25 | R:GrH | 10,949 | 392.0 |
| Mrs. Cecile Stone | Thompson, Pa. | 37.37 | R:GrH | 10,842 | 374.6 |
| Curtis Allen | Nicholson, Pa. | 19.59 | R:GrG:GrH | 8,084 | 360.6 |
| W. J. Horton | Clifford, Pa. | 21.99 | R:GrH | 10,644 | 357.9 |
| Miller Farm | Thompson, Pa. | 31.65 | GrH | 9,287 | 332.5 |
| Ray Roberts | Nicholson, Pa. | 17.19 | GrH | 9,428 | 329.4 |
| Perry Johnson | Lenoxville, Pa. | 15.42 | GrG | 7,044 | 309.4 |

*Part of herd milked three times daily for 5 months.

**Herd milked three times daily for 3 months.

***Herd milked four times daily for 6 months.

Western Susquehanna County #1 D. H. I. A., Year Ending June 30, 1942

H Mac Hindman, Tester, c/o County Agent, Montrose, Pa.

| | | | | | |
|-------------------------|---------------|-------|------------|--------|-------|
| Floyd Hibbard | Springville | 15.62 | RH | 13,790 | 465.1 |
| B. F. Taylor | Lynn | 21.24 | RH | 12,106 | 420.7 |
| R. L. Carter | Montrose | 24.82 | R:GrG | 8,154 | 404.5 |
| Agawam Farm | Springville | 22.08 | R:GrG | 8,013 | 382.7 |
| Claude L. Carter | Montrose | 16.85 | R:GrJ | 7,493 | 380.2 |
| Crystella Dairy Farm | Springville | 46.83 | R:GrH:GrG | 10,342 | 378.1 |
| Fernheim Farm | Montrose | 20.50 | RA | 9,103 | 370.6 |
| Norman D. Carter | Birchardville | 13.07 | R:GrG | 7,656 | 368.1 |
| Raymond Strickland | Factoryville | 23.25 | R:GrH | 10,321 | 361.7 |
| Dr. Asa Hickok & Son | Birchardville | 10.35 | R:PJ | 7,011 | 359.6 |
| S. R. Ellsworth | Meshoppen | 14.28 | RH | 10,078 | 357.6 |
| Allen Jayne | Laceyville | 12.64 | R:GrH | 9,948 | 348.8 |
| Bushmont Farm | Montrose | 22.22 | RH | 9,784 | 346.8 |
| Robert S. Wilson | Meshoppen | 16.38 | R:GrH | 8,974 | 327.6 |
| Miner Thomas | Factoryville | 16.91 | GrH | 9,512 | 326.7 |
| S. C. Birchard & Son | Birchardville | 53.03 | RJ | 6,177 | 325.3 |
| George Heitsman | Springville | 21.03 | GrH | 9,353 | 323.8 |
| Ralph Fisher | Lynn | 17.62 | R:GrH:Mix. | 8,001 | 319.8 |
| Roberts Heitsman* | Dimock | 19.20 | R:GrH | 9,229 | 319.0 |
| D. Fred Birchard & Sons | Birchardville | 41.05 | RJ | 5,904 | 313.7 |

*Nine month's record.

Western Susquehanna County #2 D. H. I. A., Year Ending Jan. 31, 1942

Donald Cooley, Nicholson, Pa., now replaced by Clair Beatty, c/o County Agent, Montrose, Pa.

| | | | | | |
|-------------------------|--------------|-------|-------|--------|-------|
| Ray Walworth* | New Milford | 22.06 | RH | 13,441 | 459.2 |
| Russell S. Dayton | Dimock | 27.48 | RH | 11,905 | 444.9 |
| Harry Lawrence | Hallstead | 20.23 | RH | 12,005 | 437.6 |
| Perry Goff & Sons | Montrose | 20.43 | R:GrH | 10,605 | 376.2 |
| James W. Ball | Montrose | 27.83 | R:GrH | 11,363 | 370.1 |
| George C. Comstock, Jr. | Montrose | 26.11 | RG | 7,072 | 359.6 |
| Scott & Bush | Montrose | 23.46 | R:GrH | 10,071 | 353.8 |
| Theron Cooley | Nicholson #2 | 22.90 | R:GrH | 9,814 | 348.2 |
| John Parks | Susquehanna | 19.45 | R:GrH | 9,612 | 347.0 |
| Mrs. William Norris | Dimock | 55.81 | R:GrG | 7,392 | 340.5 |
| Tiffdale Farms | Brooklyn | 32.15 | R:GrH | 9,071 | 330.3 |

*Part of herd milked three times daily for 4 months.

TIOGA COUNTY

Cowanesque Valley D. H. I. A., Year Ending Oct. 31, 1942

Dean E. Smith, Tester, Knoxville, Pa.

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|-------------------------|-------------------|-----------------|-----------|--------------|-------------|
| Perry L. Wood | Knoxville | 12.75 | PJ | 8,219 | 439.4 |
| Henry Doan | Knoxville | 18.66 | R:GrH | 12,778 | 431.4 |
| DeForest Jordon | Knoxville | 7.76 | PA:Mix. | 10,090 | 427.1 |
| Ralph Clark | Knoxville | 14.28 | R:GrH | 11,471 | 406.7 |
| L. G. Mnt. | Westfield | 17.32 | R:GrH | 10,583 | 375.1 |
| Ben Chappell | Knoxville | 15.00 | R:GrH | 9,881 | 356.3 |
| George Hunt* | Westfield | 25.12 | R:GrH | 10,311 | 354.4 |
| Lynn Doan-J. B. Gilbert | Knoxville | 16.11 | R:GrH | 10,234 | 350.7 |
| H. L. Seeley | Knoxville | 20.36 | GrH | 10,198 | 333.6 |
| A. G. Bower & Son | Nelson | 19.75 | GrH | 9,178 | 325.2 |
| U. O. King & Son | Knoxville | 22.76 | R:GrG | 6,769 | 324.5 |
| Everett Owlett* | Middlebury Center | 20.80 | R:GrH:Ayr | 8,785 | 322.3 |
| W. C. Boyce | Knoxville | 21.20 | R:GrH | 8,258 | 301.4 |

*Herd milked three times daily for part of year.

Jackson D. H. I. A., Year Ending May 31, 1942

Samuel Peter, Tester, Millerton, Penna.

| | | | | | |
|-------------------------------------|---------------|-------|-------|-------|-------|
| E. N. Garrison | Millerton | 24.58 | RJ | 8,129 | 452.7 |
| Curtis Smith | Gillett | 25.35 | RJ | 8,865 | 452.4 |
| Edson Smith | Lawrenceville | 11.19 | GrG | 7,799 | 378.4 |
| Glenn Noble | Gillett | 31.10 | R:PJ | 7,002 | 364.3 |
| E. B. Spencer & Son | Millerton | 28.92 | RH | 9,441 | 362.1 |
| Ford Smith | Millerton | 21.60 | RJ | 6,440 | 347.4 |
| Victor H. Hurd | Millerton | 17.60 | R:GrG | 6,563 | 311.2 |
| (One herd with less than five cows) | | | | | |
| LaVere W. Noble | Gillett | 3.91 | PJ | 7,027 | 388.6 |

Liberty D. H. I. A., Year Ending Aug. 31, 1942

Clyde H. Wilson, Tester, Liberty, Box 96, Pa.

| | | | | | |
|----------------------|------------|-------|------------|--------|-------|
| Wilbur Brion | Liberty | 17.27 | GrH:Mix. | 10,765 | 487.0 |
| Chancy Brion | Liberty | 15.21 | R:GrH | 12,862 | 450.7 |
| Ed. W. Brion | Liberty | 18.10 | RJ | 7,355 | 434.0 |
| Albert Norman | Liberty | 17.79 | RJ | 8,057 | 428.8 |
| Halleck Holcombe | Liberty | 17.68 | R:GrH:GrG | 10,892 | 424.5 |
| Dan Bonnell | Liberty | 15.13 | R:GrJ | 7,670 | 415.5 |
| Gordon Parker | Liberty | 29.93 | R:GrH | 10,855 | 395.2 |
| Chas. Forer | Liberty | 16.49 | R:GrH:Mix. | 9,526 | 389.5 |
| Harry Mase | Liberty | 31.55 | Mixed | 9,924 | 386.0 |
| E. Loudenslager | Liberty | 28.97 | Mixed | 10,193 | 358.1 |
| R. F. Nienhueser | Trout Run | 8.71 | GrG:Mixed | 7,070 | 378.4 |
| Glenn Butters | Liberty | 12.48 | R:GrJ | 7,524 | 378.1 |
| John Hetzel | Liberty | 21.91 | Mixed | 8,627 | 370.5 |
| Bert Lockwood | Liberty | 13.15 | Mixed | 7,900 | 363.6 |
| Floyd B. Brion | Liberty | 17.98 | GrH:Mixed | 9,701 | 362.3 |
| Claude Messner | Liberty | 17.82 | R:GrH | 9,166 | 359.8 |
| Earl Bunn | Ogdensburg | 9.52 | RH | 10,161 | 358.7 |
| Lee N. Wilson | Mansfield | 19.67 | Mixed | 8,569 | 354.2 |
| McCullough Dairy | Trout Run | 26.92 | Mixed | 7,577 | 354.2 |
| Burdette Mase | Liberty | 34.17 | R:GrH | 9,565 | 348.1 |
| Snyder Bros. | Liberty | 29.55 | RH | 9,532 | 345.4 |
| Tracy Mase | Liberty | 29.87 | R:GrH | 9,089 | 345.4 |
| Clarence Mitstifer | Liberty | 16.14 | GrJ:Mixed | 6,754 | 342.7 |
| Mrs. Gladys Mase | Liberty | 9.43 | R:GrJ:Mix. | 7,387 | 331.8 |
| Fred W. Marshall | Liberty | 23.42 | P:GrG | 7,193 | 325.3 |
| Mrs. Florence Persun | Trout Run | 7.95 | R:GrG | 6,199 | 314.7 |
| Herbert Jones | Ogdensburg | 14.24 | R:GrH | 8,572 | 313.9 |

Mansfield D. H. I. A., Year Ending March 31, 1942

Ellis E. Morgan, Tester, Mansfield, Pa.

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|-----------------------|----------------------|-----------------|------------|--------------|-------------|
| Roy Whittaker* | Covington, R.D., Pa. | 11.44 | RH:GrJ | 14,499 | 519.4 |
| Russell Kendrick | Mansfield, Pa. | 29.84 | GrH:Mix. | 11,868 | 492.1 |
| Wayne Whitteker | Mansfield, Pa. | 14.46 | RJ:Mix. | 9,988 | 469.7 |
| Carl Hasker** | Wellsboro #4, Pa. | 9.78 | RH | 11,887 | 441.6 |
| Boyd Brace | Mainesburg, Pa. | 14.12 | R:GrH:GrG | 10,678 | 432.8 |
| L. D. Stevens | Mansfield, Pa. | 22.29 | R:GrH | 12,272 | 425.0 |
| J. H. Inscho | Mansfield, Pa. | 16.10 | RH | 11,969 | 423.7 |
| Edward Knowlton | Covington, Pa. | 22.14 | R:GrH:Mix. | 9,881 | 417.3 |
| Edson Baity | Covington, Pa. | 24.67 | GrH:Mix. | 9,950 | 413.0 |
| Ray Woodard | Mansfield, Pa. | 20.42 | GrH:Mix. | 10,274 | 402.7 |
| Ernest Bolt | Covington, Pa. | 22.94 | R:GrH:GrG | 10,048 | 400.0 |
| Harold Davie | Mansfield, Pa. | 17.29 | RH | 10,804 | 390.4 |
| Elmer L. Smith | Mainesburg, Pa. | 12.85 | R:GrH | 10,566 | 382.1 |
| Francis Erway | Mansfield, Pa. | 18.30 | R:GrH:GrJ | 9,764 | 377.4 |
| Dean Phelps | Mansfield, Pa. | 10.91 | R:GrH | 10,134 | 377.4 |
| Edward Marvin | Covington, Pa. | 20.18 | Mixed | 8,922 | 374.9 |
| Brace & Updyke | Mainesburg, Pa. | 17.48 | GrG | 8,269 | 374.4 |
| Jesse Baity | Covington, Pa. | 40.39 | Mixed | 8,648 | 366.7 |
| Jerome Niles | Wellsboro #4, Pa. | 22.11 | RH:RJ | 9,438 | 365.6 |
| Ainsworth Booth | Mansfield, Pa. | 11.15 | R:GrH:Mix. | 9,424 | 360.5 |
| Thomas & Anna Wood*** | Mansfield, Pa. | 20.66 | RH | 9,459 | 350.5 |
| Lucy D. Baldwin | Lawrenceville, Pa. | 13.10 | RH | 10,083 | 344.3 |
| Donald Putnam | Mansfield, Pa. | 15.53 | GrJ:Mix. | 6,790 | 337.9 |
| Lyle Cleveland | Mansfield, Pa. | 10.83 | GrH | 8,210 | 324.1 |
| Donald Straw | Mansfield, Pa. | 12.13 | RG | 6,319 | 311.8 |

*Part of herd milked daily for 4 months.

**Part of herd milked daily for 5 months.

***Part of herd milked daily for 3 months.

Wellsboro D. H. I. A., Year Ending Oct. 31, 1942

George W. Thompson, Tester, Wellsboro, Box 604, Penna.

| | | | | | |
|----------------------|-------------------|-------|------------|--------|-------|
| Clark Bowen* | Wellsboro | 21.58 | RH | 13,391 | 484.2 |
| John Grantier** | Wellsboro | 9.41 | RJ | 8,243 | 480.4 |
| Joe & Harry Davis*** | Little Marsh | 26.52 | R:PH | 13,917 | 478.7 |
| H. G. Audinwood* | Tioga | 6.00 | RJ | 9,264 | 462.7 |
| George B. Butler | Wellsboro | 23.90 | R:GrG | 9,352 | 447.1 |
| Ralph Sampson | Crooked Creek | 16.45 | RH | 12,080 | 444.4 |
| Ivan Kinnan | Middlebury Center | 26.16 | R:GrH:Mix. | 11,736 | 430.2 |
| Roy S. Bowen**** | Wellsboro | 16.42 | RH | 12,813 | 427.7 |
| D. R. English | Covington | 12.21 | RH | 12,073 | 418.5 |
| Ray O. Collins | Crooked Creek | 18.68 | RH | 12,059 | 394.9 |
| F. W. Burrows & Sons | Tioga | 23.91 | R:GrH | 10,053 | 377.4 |
| Leon Manning | Tioga | 19.14 | GrH | 10,040 | 374.0 |
| C. D. McKinney | Tioga | 29.09 | GrH:Mix. | 9,498 | 355.8 |
| Neil Gleason | Little Marsh | 22.27 | GrH | 9,405 | 345.6 |
| Eaton croft | Wellsboro | 27.79 | RJ | 6,559 | 343.4 |
| Homer Davis | Little Marsh | 20.44 | R:GrH | 9,464 | 339.5 |
| LeRoy S. Cobb | Wellsboro | 11.62 | RA:GrH | 8,813 | 336.5 |
| W. S. Learn | Lawrenceville | 17.53 | R:GrH:Mix. | 8,228 | 312.7 |
| M. A. Youmans & Son | Mansfield | 21.79 | R:GrH:GrG | 8,394 | 312.0 |
| Richard L. Hughes | Tioga | 21.06 | RH:RG:Mix. | 7,126 | 302.3 |

*Part of herd milked 3 times daily for 3 months.

**Herd milked three times daily for 6 months.

***Part of herd milked three times daily for 1 month.

****Part of herd milked three times daily for 6 months.

UNION COUNTY

Union County D. H. I. A., Year Ending June 30, 1942

Oscar H. Rocky, Laurelton, Pa.; John A. Nale, now in U. S. Army, Milroy, Pa.;
Harold R. Rieder, Box 274, Lewisburg, Pa.; Testers

| Name of Owner | Address | Av. No. | Breed | Lbs. Milk | Lbs. Fat |
|-----------------------|------------------|---------|-----------|-----------|----------|
| H. K. Benner | Vicksburg, Pa. | 8.08 | RH | 15,227 | 551.0 |
| R. J. Smith | Millmont, Pa. | 7.58 | RH | 12,753 | 468.9 |
| Ralph Erdley | Lewisburg, Pa. | 13.23 | RH | 12,905 | 462.6 |
| John S. Wehr | Mifflinburg, Pa. | 30.30 | RH | 11,841 | 436.1 |
| Leon Musser | Lewisburg, Pa. | 11.06 | RH | 11,866 | 423.5 |
| Robert H. Criswell | Lewisburg, Pa. | 8.29 | R:GH | 11,678 | 410.1 |
| H. A. Walter & Son | Lewisburg, Pa. | 18.32 | RH | 11,155 | 408.8 |
| Miles M. Erdley | Lewisburg, Pa. | 7.21 | RH | 11,449 | 392.7 |
| G. Asher Erdley | Lewisburg, Pa. | 12.92 | RH | 11,169 | 389.8 |
| Laurelton Village* | Laurelton, Pa. | 27.77 | R:GH | 11,412 | 384.6 |
| George McCormick | Allenwood, Pa. | 10.61 | RH | 10,712 | 382.5 |
| George Neauman | Milton, Pa. | 12.08 | R:GH:R:GG | 9,604 | 357.5 |
| Robert F. Miller | Lewisburg, Pa. | 10.79 | R:GH | 10,891 | 371.0 |
| Mrs. Nellie I. Winter | Lewisburg, Pa. | 17.15 | RG | 8,131 | 368.5 |
| E. V. Sunanday | Allenwood, Pa. | 22.82 | RH | 10,865 | 368.4 |
| F. D. Dock | Lewisburg, Pa. | 12.56 | RH | 10,700 | 367.5 |
| A. C. Slifer | Lewisburg, Pa. | 10.67 | RH | 10,141 | 366.0 |
| J. S. Zeigler | Lewisburg, Pa. | 22.04 | RH | 10,478 | 360.8 |
| O. T. Eisenhuth | Lewisburg, Pa. | 15.39 | R:GH | 10,290 | 360.2 |
| Leroy T. Kling | West Milton, Pa. | 11.56 | R:GG | 7,760 | 352.9 |
| Calvin Stahl Estate | Mifflinburg, Pa. | 7.15 | RH | 10,303 | 352.9 |
| E. C. Leiby | Winfield, Pa. | 10.30 | R:GH:GG | 9,192 | 351.7 |
| Mrs. Mary S. Brouse | Mifflinburg, Pa. | 9.17 | RBS | 9,227 | 347.7 |
| W. T. Kostenbader | Lewisburg, Pa. | 12.78 | RH | 9,281 | 343.4 |
| W. J. Erdley | Mifflinburg, Pa. | 12.17 | RH | 9,916 | 339.1 |
| A. A. Eisenhauer | Lewisburg, Pa. | 11.99 | RH | 10,183 | 338.9 |
| Eyer J. Kreamer | Winfield, Pa. | 9.09 | R:GH:GG | 8,127 | 337.4 |
| J. D. Shreck Estate | Lewisburg, Pa. | 19.49 | R:GH:R:GJ | 8,746 | 333.2 |
| J. L. Reitz | Lewisburg, Pa. | 24.98 | Mixed | 8,744 | 319.0 |
| Philip Frederick | Lewisburg, Pa. | 15.76 | PH | 9,656 | 318.0 |
| F. D. Yarger | Penns Creek, Pa. | 10.02 | RBS | 8,546 | 314.1 |
| Clem L. Miller | Lewisburg, Pa. | 9.13 | R:GH:Mix. | 8,251 | 307.6 |
| Evangelical Home | Lewisburg, Pa. | 14.78 | RBS:Mix. | 6,850 | 303.0 |
| Chas. E. Sassaman | Winfield, Pa. | 10.87 | RH | 8,700 | 301.2 |

*Part of herd milked three times daily.

VENANGO COUNTY

Venango County D. H. I. A., Year Ending July 31, 1942

John E. Baker, Tester, Court House, Franklin, Pa.

| | | | | | |
|------------------------------|------------------|--------|------------|--------|-------|
| Polk State School* | Polk, Pa. | 156.70 | RH | 13,491 | 505.7 |
| Hilltop Stables | Oil City | 11.58 | RG | 9,767 | 469.8 |
| John L. Mitchell | Oil City, R. 1 | 8.18 | RG | 8,637 | 443.4 |
| Carlton Jersey Farm | Carlton, R.D. | 15.79 | R:GrJ | 7,899 | 436.2 |
| Graham & Marsteller | Franklin, R. 1 | 23.58 | R:GrG | 8,592 | 427.1 |
| Mrs. A. C. Morck | Oil City | 10.00 | Pb:GrG:GrJ | 8,438 | 425.7 |
| Evergreen Stock Farm | Emlenton, R. 2 | 9.83 | RJ | 7,263 | 419.2 |
| S. S. Blauser | Fertigs | 13.81 | R:GrG | 8,804 | 414.2 |
| S. Y. Ramage Estate | Oil City | 9.40 | GrG | 8,074 | 410.8 |
| Dr. A. W. Goodwin | Diamond | 12.73 | RAyr:GrG | 9,624 | 396.7 |
| D. H. Morrison | Van, Pa. | 12.98 | RG | 7,388 | 390.7 |
| Biery Guernsey Farms, Inc.** | Franklin, R. 4 | 83.41 | RG | 7,789 | 390.0 |
| Charles Campbell | Emlenton, R. 2 | 14.56 | R:GrG | 6,997 | 358.4 |
| J. C. Alcorn | Titusville, R. 4 | 13.66 | RJ | 6,977 | 356.9 |
| W. E. Stewart | Titusville, R. 4 | 18.39 | R:GrG | 7,497 | 355.6 |
| Paul A. Rhoades | Franklin, R. 4 | 14.10 | GrG | 7,670 | 354.9 |
| McCoy Bros. & Company | Emlenton, R. 2 | 12.30 | R:PbJ | 6,475 | 342.1 |

*Herd milked three times daily.

**Part of herd milked three times daily.

WARREN COUNTY

Warren County D. H. I. A., Year Ending April 30, 1942

Mervin C. Schuckers, Spring Creek; Michael Hummel, Pittsfield, Testers

| Name of Owner | Address | Av. No. | Breed | Lbs. Milk | Lbs. Fat |
|-----------------------------|--------------|---------|------------|-----------|----------|
| Carl Johnson | Sugar Grove | 20.86 | GrH | 11,681 | 429.1 |
| L. W. Beers | Grand Valley | 9.64 | GrG:Mix. | 9,218 | 422.4 |
| Ralph Swart | R. #2 Corry | 19.82 | RH | 12,711 | 420.1 |
| Mrs. A. J. Leofsky | Spring Creek | 15.29 | R:GrH | 10,913 | 404.3 |
| Arnell Carter | Bear Lake | 8.66 | R:GrH | 10,828 | 387.8 |
| Carleton Curtis | Columbus | 29.07 | R:GrJ | 7,483 | 383.9 |
| Warren State Hospital* | Warren | 116.45 | R:GrH | 11,463 | 383.6 |
| Thayn Tubbs | Spartansburg | 21.98 | Mixed | 9,769 | 379.6 |
| Leigh Smith | Torpedo | 16.92 | R:GrH | 10,242 | 370.4 |
| Arthur Brundage | Spring Creek | 11.60 | Mixed | 9,571 | 366.8 |
| C. R. Moore | Garland | 66.44 | GrG | 8,265 | 358.8 |
| William Armitage | Spring Creek | 29.66 | R:GrH:GrG | 9,629 | 354.8 |
| Harry Long | Pittsfield | 13.66 | R:GrG:Mix. | 7,912 | 353.7 |
| Monroe Upton | Spring Creek | 17.57 | R:GrH | 9,891 | 348.7 |
| Neil G. Firth | Sugar Grove | 14.60 | R:GrH:GrG | 8,870 | 346.5 |
| Warren Wilcox | Akeley | 13.10 | R:GrG | 7,082 | 344.3 |
| Tubbs Brothers | Spartansburg | 17.61 | GrH:Mix. | 8,761 | 340.5 |
| William Henry | Spring Creek | 16.92 | GrG:Mixed | 7,539 | 337.2 |
| C. V. Pierce & John Moravek | Torpedo | 19.25 | Mixed | 7,884 | 335.4 |
| C. F. Norbeck | Sugar Grove | 39.81 | RH | 9,830 | 334.6 |
| Mattie Whitely | Spring Creek | 12.05 | GrH:Mixed | 9,376 | 326.6 |
| Homer Lindell | Akeley | 20.39 | R:GrH | 9,535 | 325.0 |
| F. L. Dodd and Son | Columbus | 38.89 | R:GrH | 8,752 | 319.9 |
| Muro Wright | Spring Creek | 15.86 | GrH:Mix. | 8,545 | 318.0 |
| Roy Swart | R. #2 Corry | 9.54 | RH | 9,710 | 310.8 |
| M. D. Ongley | Grand Valley | 25.25 | Mixed | 7,011 | 309.4 |
| Rouse Hospital | Youngsville | 23.76 | R:GrH | 8,807 | 207.5 |
| George Maxwell | Spring Creek | 19.10 | GrJ | 6,127 | 307.0 |

*Part of herd milked three times daily.

WASHINGTON COUNTY

Washington-Greene D. H. I. A., Year Ending August 31, 1942

Paul Leard, Kenneth Riggle, James McHenry, Roy Montgomery, Paul Hartzell,
Walter Nagel; Testers; Agricultural Extension Ass'n., Washington, Penna.

| | | | | | |
|------------------------|---------------------|-------|-------|--------|-------|
| J. G. Nelan & Sons* | Claysville R.D. #1 | 30.90 | RG | 9,881 | 503.0 |
| J. Clarence Paxton** | Washington, R.D. 1 | 16.10 | RH | 14,526 | 500.0 |
| Ben W. Jacobs | Waynesburg, R.D. | 10.66 | Mixed | 11,650 | 477.8 |
| Carleton D. Squires | Bentleyville | 17.52 | RJ | 9,218 | 475.9 |
| S. B. Day & Sons | Washington, R.D. 4 | 21.64 | RG | 9,562 | 470.4 |
| Alex. Hamilton & Son | Washington, R.D. 5 | 16.67 | RG | 10,252 | 462.9 |
| A. H. Scott | Rea, R.D. 1 | 13.56 | RG | 9,720 | 450.0 |
| Roy Robinson & Son | Coal Center, R.D. 1 | 43.97 | RJ | 8,499 | 437.1 |
| Perry F. Morris | Charleroi, R.D. 1 | 14.99 | RJ | 8,467 | 429.7 |
| Pa. Training School*** | Morganza, Pa. | 53.72 | RH | 12,283 | 422.2 |
| Pastor Bros. | Rea, R.D. 1 | 16.38 | RH | 12,132 | 421.3 |
| F. G. Hayden & Sons* | Elizabeth, R.D. | 26.38 | RG | 8,614 | 420.9 |
| Keener Bros. | Carmichaels, Pa. | 17.27 | RG | 8,579 | 418.3 |
| J. Max Hootman | Washington | 11.25 | GrG | 9,018 | 412.8 |
| J. Ard Cowden | McDonald, R.D. 4 | 26.14 | RJ | 9,238 | 398.4 |
| Chas. W. Hughes | Washington, R.D. 6 | 14.77 | RH | 10,611 | 396.2 |
| Alvin D. Carter | McDonald, R.D. 4 | 20.38 | RH | 11,569 | 394.6 |
| Mrs. Harry Patterson | Canonsburg, R.D. 1 | 5.58 | RH | 9,399 | 393.2 |
| D. L. Post | Dunns Station #2 | 22.82 | RJ | 7,106 | 385.6 |
| Greene County Home | Waynesburg, Pa. | 16.34 | Mixed | 9,623 | 381.8 |
| Washington County Home | Washington, Pa. | 38.42 | RH | 10,901 | 371.1 |
| John S. & Wm. Stoneman | Belle Vernon | 12.70 | RG | 7,607 | 363.7 |
| Harley Swart | Waynesburg | 28.18 | RJ | 7,659 | 362.9 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|------------------------|---------------------|-----------------|-------|--------------|-------------|
| Dell Weaver | Canonsburg, R.D. 1 | 16.18 | RH | 8,830 | 360.6 |
| Arthur Reed | Avella, R.D. | 19.35 | RG | 8,288 | 359.1 |
| C. A. Hayden | Monongahela | 53.82 | RG | 7,140 | 348.8 |
| W. Lee Cowden | McDonald, R.D. 4 | 20.89 | RG | 7,493 | 341.6 |
| Paul R. Cosgray | Waynesburg, R.D. | 19.67 | Mixed | 7,139 | 338.4 |
| S. Paul Ritchie | Rea, R.D. | 21.19 | RH | 9,628 | 331.8 |
| Henry W. Fehl | Canonsburg, R.D. 1 | 18.07 | RH | 9,859 | 331.4 |
| Paul W. Lewis | Washington, R.D. 4 | 30.86 | RG | 6,594 | 326.5 |
| Bridges & Welch | Burgettstown | 19.38 | RH | 10,018 | 326.3 |
| A. L. & Hugh Berry | Eighty Four, R.D. 1 | 13.01 | RH | 7,352 | 326.1 |
| J. A. Dinsmore | Washington, R.D. 3 | 22.64 | RJ | 6,023 | 320.8 |
| Andrew Azzo, Jr. | Eighty Four, R.D. 1 | 18.81 | GrG | 7,063 | 314.6 |
| V. L. Cowden | McDonald R.D. 4 | 18.72 | RH | 9,258 | 310.9 |
| Hank Bros. | Monogahela, R.D. 1 | 29.33 | RG | 7,219 | 309.3 |
| Kenneth Hunter | Dunns Station, R.D. | 21.37 | RG | 6,472 | 308.4 |
| John E. Long | Monongahela #1 | 23.26 | RG | 7,239 | 407.0 |
| Robt. M. Morgan & Sons | Bridgeville, R.D. 1 | 18.01 | RH | 9,156 | 306.5 |
| J. Linn Cooper | Charleroi, R.D. 1 | 23.39 | Mixed | 7,518 | 306.4 |
| Vance Smith | McDonald, R.D. 4 | 15.90 | RH | 8,990 | 305.8 |
| Charles Adams | Waynesburg, R.D. | 15.47 | RJ | 5,931 | 305.2 |
| R. S. Zediker | Eighty Four, R.D. 1 | 15.93 | GrH | 8,912 | 300.1 |

*Herd milked three times daily.

**Herd milked three times daily for 4 months.

***Part of herd milked three times daily.

WAYNE COUNTY

Wayne County D. H. I. A., Year Ending Sept. 30, 1942

Elmer Heberling, Earl Simons, Frank Fields, John Jaquish; Testers

| | | | | | |
|----------------------|--------------|-------|----------|--------|-------|
| Fairview Hospital* | Waymart | 42.44 | RG:RH | 14,463 | 491.7 |
| Emil Brown* | Lake Ariel | 17.55 | R:GrH | 12,776 | 489.3 |
| Stephen Snedeker | Waymart | 21.35 | RJ | 8,920 | 475.8 |
| C. C. Dibble | Starrucca | 23.64 | RH | 12,862 | 451.2 |
| Lester Male** | Honesdale | 32.18 | RH | 12,681 | 449.2 |
| Walter Blum | Milanville | 30.22 | RPH | 12,330 | 438.3 |
| George Rosener | Aldenville | 17.08 | RJ | 7,849 | 417.1 |
| William McLain | Moscow | 10.10 | Mixed | 10,694 | 415.8 |
| Kenneth Doyle | Starrucca | 21.74 | R:GrH | 11,738 | 414.5 |
| Edward Brooking | Pleasant Mt. | 35.31 | RH | 12,315 | 411.2 |
| Mrs. Myrtle McLain | Moscow | 25.43 | Mixed | 10,345 | 406.8 |
| Russel Erk | Prompton | 49.77 | RJ | 7,322 | 403.7 |
| W. F. Hauenstein | Waymart | 29.01 | RJ | 7,713 | 403.7 |
| Harry Downton | Starrucca | 21.08 | RH | 12,016 | 400.7 |
| Bethany Homestead*** | Honesdale | 77.66 | RG | 8,186 | 395.8 |
| W. J. Robbins | Beachlake | 20.75 | RH | 10,670 | 394.5 |
| Chester Rickard | Honesdale | 25.38 | RH | 10,344 | 384.9 |
| Emmett Hathaway | Equinunk | 19.36 | R:GrJ | 7,440 | 384.4 |
| Russel A. Sheard | Milanville | 30.70 | R:GrH | 10,592 | 381.3 |
| C. E. Canfield | Damascus | 24.97 | RH | 9,821 | 381.0 |
| R. H. Leet | Starrucca | 28.29 | R:GrHJ | 10,157 | 373.9 |
| S. E. Woodley | Narrowsburg | 21.97 | RH | 9,935 | 371.2 |
| Henry Robinson | Seelyville | 9.05 | RJ | 6,762 | 370.1 |
| J. R. Stalker | Equinunk | 16.78 | GrH:J | 9,921 | 365.4 |
| Elmer Doyle | Pleasant Mt. | 40.73 | P:GrH | 10,618 | 364.4 |
| Robert McLain | Moscow | 9.97 | GrH:Mix. | 9,328 | 360.5 |
| T. H. Olver | Honesdale | 22.66 | GrG:RH | 8,995 | 356.5 |
| F. Emmett Olver | Honesdale | 36.66 | RH | 9,563 | 354.6 |
| E. E. Kinsman | Honesdale | 26.31 | R:GrH | 10,430 | 354.2 |
| Edward Erk | Seelyville | 37.84 | RJ | 6,411 | 351.7 |
| W. H. Brunig | Honesdale | 43.40 | Mixed | 8,633 | 350.3 |
| S. J. Shaffer | Waymart | 18.50 | R:GrH | 10,416 | 350.0 |
| Jesse Miller | Waymart | 19.27 | R:GrH | 9,341 | 345.5 |
| Rexford Arnold | Waymart | 18.96 | GrJ | 7,241 | 343.4 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|-----------------------|----------------|-----------------|-------|--------------|-------------|
| L. H. Grimm**** | Honesdale | 17.58 | RH | 9,913 | 341.9 |
| F. B. Dunn & Son***** | Honesdale | 30.17 | GrH | 9,229 | 341.8 |
| Kelsey Stone | Pleasant Mt. | 38.73 | R:GrH | 9,848 | 341.3 |
| Clifford Haynes | Starrucca | 18.06 | GrH | 9,359 | 337.3 |
| Coccardilli Bros. | Lake Ariel | 35.75 | GrH:R | 9,590 | 332.2 |
| J. A. Gardner | Moscow | 18.24 | GrH:G | 8,376 | 331.7 |
| Lloyd Douglas | Honesdale | 28.34 | R:GrH | 8,851 | 331.3 |
| John Tully | Lakewood | 30.80 | GrH:P | 9,594 | 331.0 |
| Russel Giles & Sons | Pleasant Mount | 27.53 | R:GrH | 9,449 | 323.9 |
| C. F. Drake | Waymart | 40.48 | R:GrH | 8,379 | 323.6 |
| Harry Simpson, Jr. | Lake Ariel | 27.49 | R:GrH | 8,904 | 323.6 |
| William Trevethan | Honesdale | 31.78 | GrJ | 7,376 | 320.9 |
| Julius Spinner | Honesdale | 20.24 | RH | 8,084 | 319.9 |
| B. F. Kennedy | Pleasant Mount | 41.81 | PH | 9,488 | 317.8 |
| L. C. Beam | Waymart | 30.12 | GrG:H | 6,994 | 313.6 |
| Delbert McKinney | Lake Ariel | 31.84 | GrH | 6,752 | 309.6 |
| Ralph Giles | Poyntelle | 18.36 | RH | 8,646 | 306.1 |
| Wayne Institute Dist. | Honesdale | 18.48 | GrH | 7,916 | 305.4 |
| Albert Miginery | Honesdale | 21.10 | RH | 8,901 | 304.2 |
| Dr. U. J. Perkins | Cold Springs | 20.84 | R:GrH | 8,535 | 302.9 |
| Hutchinson Bros. | Honesdale | 20.74 | GrG | 6,417 | 300.0 |
| Earl C. Ham | Honesdale | 12.39 | Mixed | 7,214 | 300.0 |

*Herd milked three times daily.

**Part of herd milked three times daily for 6 months.

***Part of herd milked three times daily

****Part of herd milked three times daily for 4 months.

*****Part of herd milked three times daily for 5 months.

WESTMORELAND COUNTY

Westmoreland D. H. I. A., Year Ending August 31, 1942

Lawrence E. Harkleroad, Earl G. Johnston, Merle D. Neely; Post Office Building, Greensburg, Pa.; Testers

| | | | | | |
|---------------------|--------------------|-------|-------------|--------|-------|
| Westmoreland County | | | | | |
| Home* | Greensburg | 27.32 | RH | 15,231 | 560.9 |
| Silvis Farms** | Greensburg | 40.48 | RH | 13,907 | 487.3 |
| D. N. Cairns & Son | Ligonier, S.R. | 14.04 | R:GrH | 12,495 | 437.8 |
| Joseph Kim | Larimer | 16.05 | P:GrH:GrG | 10,895 | 427.1 |
| Bethlen Home | Ligonier | 9.43 | GrH | 10,080 | 415.5 |
| Richard Kemp | Greensburg, R. 5 | 14.51 | R:GrH | 10,316 | 405.7 |
| J. C. Gaut | Scottsdale, R. 1 | 22.76 | RH | 10,721 | 402.5 |
| H. C. Waugaman | Greensburg, R. 4 | 17.71 | R:GrH:GrJ | 9,391 | 400.0 |
| Ring Win Farm | Greensburg, R. 5 | 32.84 | RG | 8,511 | 393.9 |
| Walter Lash | West Newton, R. 1 | 20.69 | RG | 8,798 | 390.5 |
| Frank N. Stoner | Alverton | 15.32 | R:GrH | 9,975 | 383.5 |
| Guy Patterson & Son | Belle Vernon, R. 1 | 15.41 | R:GrH | 10,277 | 382.6 |
| R. A. Eisaman | Irwin, R. 3 | 23.75 | RH:GrG | 9,586 | 379.7 |
| B. C. Walters | Slickville | 14.83 | GrH | 9,529 | 379.4 |
| Earl Stewart | Belle Vernon, R. 1 | 25.20 | R:GrG | 8,408 | 373.4 |
| C. M. Weise | Belle Vernon, R. 2 | 14.87 | PJ:Mixed | 6,770 | 366.8 |
| R. V. Flowers | New Alexandria | 11.08 | Mixed | 7,647 | 358.8 |
| David H. Wells | Belle Vernon, R. 2 | 12.35 | R:GrG | 7,598 | 355.4 |
| David W. Robertson | Belle Vernon, R. 1 | 21.88 | R:GrG | 7,567 | 350.0 |
| Rolling Rock Farms | Laughlinstown | 13.63 | RSw | 8,769 | 348.8 |
| Joseph Kuma | Belle Vernon, R. 1 | 24.46 | R:GrG | 7,872 | 347.7 |
| J. E. Wineman | Youngwood | 18.26 | R:GrH:R:GrG | 9,392 | 347.2 |
| H. F. Miller | Ruffsedale, R. 2 | 16.55 | R:GrG:GrH:R | 8,040 | 345.2 |
| Eldin G. Daugherty | Scottsdale | 15.65 | R:GrG | 7,598 | 344.6 |
| John Owens | Apollo, R. 2 | 13.14 | R:GrJ | 6,945 | 344.4 |
| F. E. Lyons | Saltsburg | 14.92 | R:GrJ | 6,650 | 341.2 |
| J. C. Turner | Belle Vernon, R. 2 | 16.12 | R:GrG:GrH | 7,044 | 337.9 |
| J. H. Miller | Greensburg, R. 3 | 20.83 | R:GrH:GrG | 8,759 | 336.8 |
| Westm'd Homesteads | Norvelt | 41.81 | R:GrG | 6,974 | 334.9 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|----------------------------|--------------------|-----------------|------------|--------------|-------------|
| Raymond L. Steele..... | New Alexandria | 28.69 | Mixed | 7,527 | 332.9 |
| Todd Brothers..... | Belle Vernon, R. 2 | 22.52 | R:GrG | 7,136 | 329.5 |
| F. M. Kintigh..... | Irwin, R. 2 | 18.07 | R:GrA | 8,243 | 323.2 |
| S. W. Heath..... | Belle Vernon, R. 2 | 21.15 | RG | 6,927 | 322.0 |
| J. H. Seanor..... | New Alexandria | 29.45 | RH | 9,239 | 321.0 |
| St. Vincent Archabbey..... | Latrobe | 68.42 | R:GrH | 8,931 | 315.0 |
| R. C. Lemon & Son..... | Saltsburg, R. 2 | 15.56 | R:GrH | 9,129 | 313.8 |
| George H. Patterson..... | Belle Vernon, R. 2 | 23.61 | RG | 6,438 | 310.8 |
| Frank Henderson..... | Bolivar | 24.58 | R:GrG:Mix. | 6,799 | 310.0 |
| E. F. Laufer..... | Irwin, R. 3 | 20.98 | R:GrH | 7,370 | 307.3 |
| B. W. Silvis..... | Export | 21.06 | GrH:GrG | 7,757 | 305.9 |
| Ray B. Smith..... | Alverton | 28.96 | GrG:GrH | 7,621 | 304.6 |

*Part of herd milked three times daily.

**Herd milked three times daily.

WYOMING COUNTY

Wyoming County D. H. I. A., Year Ending Aug. 31, 1942

Charles Henry, Mehoopany; Donald Hindman, Waverly; Homer Lane, Tunkhannock; Testers

| | | | | | |
|------------------------------|---------------------|-------|------------|--------|-------|
| A. S. Hallock..... | Laceyville | 15.47 | RH | 12,543 | 481.3 |
| Vaughn & Luce..... | Mehoopany | 20.43 | RH | 13,562 | 474.8 |
| Hiram Stevens..... | Mehoopany | 11.79 | R:GH:Mix. | 11,331 | 434.1 |
| Vaughn Bros..... | Mehoopany | 25.84 | R:GG | 8,786 | 429.8 |
| Donald J. Arthur..... | Laceyville | 25.10 | R:GH:GG | 11,810 | 427.7 |
| Hobart Furman..... | Mehoopany | 26.54 | R:GH | 11,740 | 426.3 |
| B. H. Burgess..... | Tunkhannock | 13.30 | RG | 8,688 | 422.1 |
| Clifford Robinson..... | Mehoopany | 14.00 | GH:Gr:Mix. | 11,163 | 422.0 |
| Frank Robinson..... | Laceyville | 19.31 | R:GH | 11,322 | 414.9 |
| J. Mark Robinson..... | Tunkhannock | 40.73 | Mix. | 9,905 | 412.6 |
| Berne Adams..... | Mehoopany | 19.30 | R:GH | 10,737 | 409.1 |
| Edgar Engleman..... | Noxen, Pa. | 8.47 | GG:Mixed. | 8,869 | 404.1 |
| William N. Lane..... | Tunkhannock | 15.12 | GG:Mixed. | 8,153 | 404.1 |
| Oscar Sickler..... | Osterhout | 16.45 | R:GH | 10,501 | 402.1 |
| C. B. Allshouse..... | Tunkhannock | 19.32 | GG | 8,155 | 400.5 |
| F. D. Collins..... | Laceyville | 7.25 | GH:GG | 10,187 | 400.0 |
| E. V. Prevost..... | Tunkhannock | 34.47 | RH | 11,464 | 396.7 |
| J. T. Harding..... | Tunkhannock | 8.64 | RH | 10,933 | 388.3 |
| Frank L. Prins..... | Mehoopany | 9.93 | RH | 11,148 | 388.2 |
| P. J. Corcoran..... | Laceyville | 11.05 | R:GH:GG | 10,753 | 386.0 |
| J. Jenkins Brunges..... | Tunkhannock | 27.47 | R:GG | 7,807 | 380.7 |
| Fassettdale Farm..... | Mehoopany | 8.29 | R:GG | 7,798 | 379.2 |
| C. W. Henning..... | Mehoopany | 25.60 | RH | 10,978 | 374.8 |
| Carl Hunter..... | Meshoppen | 11.64 | R:GH | 9,773 | 374.5 |
| C. B. Tyler..... | Meshoppen | 13.18 | RH | 10,202 | 367.1 |
| Howard F. Brunges & Son..... | Tunkhannock | 68.63 | R:GJ | 6,893 | 362.4 |
| Donald L. Williams..... | Tunkhannock | 30.73 | RH | 9,938 | 359.8 |
| L. L. Line..... | Tunkhannock | 12.71 | R:GG | 7,628 | 359.3 |
| Oscar L. Heitsman..... | Tunkhannock | 27.31 | R:GG | 7,540 | 352.8 |
| Harry L. McKune..... | Falls | 10.00 | RH | 9,538 | 350.7 |
| Herbert F. Hunter..... | Falls, Pa. | 10.78 | R:PH | 9,901 | 348.5 |
| Stanley A. DeWitt..... | Tunkhannock | 17.29 | R:GH | 9,385 | 347.2 |
| Henry W. June..... | Tunkhannock, R.D. 3 | 15.31 | R:GH | 9,344 | 345.6 |
| Walter Burgess..... | Mehoopany | 16.24 | R:GH:GG | 9,035 | 341.7 |
| Rodney C. Decker..... | Tunkhannock, R.D. 3 | 13.71 | GH | 8,845 | 341.5 |
| B. B. Harding..... | Tunkhannock | 26.31 | RH | 9,661 | 340.8 |
| L. C. Deats..... | Factoryville | 12.08 | RH | 8,984 | 337.3 |
| Walter Robinson..... | Tunkhannock | 18.17 | R:GH | 8,207 | 337.2 |
| Roy Wintermute..... | Mehoopany | 11.52 | GH | 8,688 | 330.0 |
| Charles Gay..... | Tunkhannock | 34.27 | R:GH:Mix. | 7,660 | 329.9 |
| Frank Macialek..... | Tunkhannock | 13.75 | R:GH | 9,570 | 325.6 |
| Howard Baker..... | Tunkhannock | 14.33 | R:GH:GG | 9,086 | 325.2 |
| Fred G. Northrop..... | Mehoopany | 23.46 | R:GH | 9,217 | 324.1 |

| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|-----------------------------------|-------------------|-----------------|---------|--------------|-------------|
| Fred J. Kintner..... | Mehoopany | 23.19 | R:GG | 6,508 | 321.0 |
| T. R. Davis..... | Falls | 19.94 | R:GG | 6,767 | 319.4 |
| Otto Olofson & Hugo Anderson..... | Noxen, Pa. | 11.06 | R:GH:GG | 8,039 | 318.3 |
| Geo. B. Hansler..... | Mehoopany | 12.12 | R:GG:GH | 7,365 | 317.1 |
| J. J. Shupp & Son..... | Springville | 21.07 | R:GG | 6,316 | 311.7 |
| St. Michaels..... | Industrial School | 21.81 | RH | 8,692 | 310.2 |
| Frank Carr..... | Meshoppen | 17.94 | Mix.:GH | 7,647 | 303.0 |

YORK COUNTY

Central York County D. H. I. A., Year Ending July 31, 1942

Paul Kirkpatrick and Carl Leham, Testers, York, Pa.

| | | | | | |
|------------------------|----------------|-------|---------|-------|-------|
| W. A. Gross..... | York #1 | 29.88 | R:GG | 7,868 | 384.5 |
| J. J. Hamme..... | Thomasville | 14.31 | RG | 7,487 | 379.4 |
| Frank L. Krall..... | East Berlin #1 | 24.46 | RH:GG | 9,199 | 359.6 |
| T. Jerome Heaps..... | Stewartstown | 21.19 | GG | 7,000 | 358.2 |
| C. H. Gross..... | Manchester | 21.34 | GH:GG | 8,675 | 351.9 |
| Chas. A. Schaefer..... | York #2 | 17.21 | RG | 7,176 | 347.0 |
| P. M. Bupp..... | Spring Grove | 38.50 | R:GG | 7,005 | 340.9 |
| J. Melvin Jacobs..... | Thomasville | 13.03 | R:GH | 9,639 | 329.4 |
| M. D. Smith..... | Dover | 16.26 | R:GH | 8,974 | 323.0 |
| L. J. Appel..... | York #5 | 14.34 | RH:R:GG | 8,444 | 322.1 |
| H. T. Hinkle..... | York #4 | 17.95 | GG | 7,275 | 311.9 |
| Codorum Farms*..... | York #6 | 45.77 | RG | 6,563 | 307.2 |
| Lloyd R. D. Bentz..... | Dillsburg | 14.58 | R:GG:GH | 6,681 | 305.7 |
| W. E. Beard..... | Hellam | 23.95 | R:GG | 6,417 | 305.3 |

Northern York D. H. I. A., Year Ending Nov. 30, 1942

Chas. Woodward, John Messersmith, Testers, c o G. G. Weber, York

| | | | | | |
|----------------------------|--------------|--------|-------|-------|-------|
| Elmer E. Eichelberger..... | Lewisberry | 10.61 | R:GH | 9,964 | 378.9 |
| W. Frank Dummer..... | Mt. Wolf | 15.32 | GG:GH | 8,599 | 378.6 |
| John S. Brant..... | Dallastown | 23.70 | R:GG | 7,766 | 372.0 |
| C. Allen May..... | York #5 | 43.67 | R:GG | 7,101 | 349.4 |
| J. A. Poorbaugh Est..... | York #3 | 35.77 | R:GG | 7,399 | 348.0 |
| Norman E. Rishel..... | York #5 | 13.45 | RH | 9,682 | 332.8 |
| Old Forge Farms..... | Spring Grove | 144.32 | RA:RJ | 7,023 | 325.7 |
| Scott A. Dick..... | Dillsburg | 16.24 | RH | 9,239 | 312.1 |
| Chas. A. Grove & Sons..... | Dallastown | 23.70 | R:GG | 6,430 | 304.4 |

*Part of herd milked three times daily.

Southern York County D. H. I. A., Year Ending Feb. 28, 1942

Robert M. Scott, Tester, Delta, Pa.

| | | | | | |
|-------------------------------|----------------|--------|-----------|--------|-------|
| H. Dale Malone..... | Delta | 7.85 | GG:Mix. | 9,101 | 457.2 |
| Samuel Stewart..... | Delta | 9.78 | R:GG:Mix. | 9,910 | 448.2 |
| Lauxmont Farms*..... | Wrightsville | 192.42 | RH:RJ | 10,740 | 413.9 |
| Wm. J. Parlett..... | Woodbine | 23.60 | GG | 8,114 | 399.1 |
| J. Paul Wiley..... | Delta | 13.89 | GG:Mix. | 7,859 | 390.0 |
| H. J. Handley..... | Delta | 13.58 | R:BS | 9,429 | 389.5 |
| Emory M. Kilgore..... | Woodbine | 19.21 | R:GG | 8,482 | 388.2 |
| David Wilson..... | Bridgeton | 15.96 | R:GG:RH | 8,719 | 384.8 |
| J. H. Handley..... | Delta | 15.02 | R:BS | 8,772 | 383.7 |
| Dale D. Kilgore..... | Woodbine | 14.57 | R:GG | 7,823 | 379.6 |
| Mrs. Mary M. Grove & Son..... | Bridgeton | 14.94 | Mixed | 8,277 | 375.8 |
| Guy A. Snodgrass..... | Woodbine | 12.36 | Mixed | 7,839 | 370.9 |
| W. S. Grimm..... | Red Lion | 57.46 | RH | 10,327 | 368.1 |
| C. Everitt Richardson..... | Whiteford, Md. | 22.20 | R:GG:GH | 8,459 | 363.1 |
| Gordon & Stone..... | Delta | 40.47 | Mixed | 8,474 | 362.1 |
| Herbert Wiley..... | Delta | 8.01 | GG:Mix. | 7,535 | 351.9 |
| R. Clarke Jacobs..... | Red Lion | 12.46 | RG | 6,601 | 350.9 |

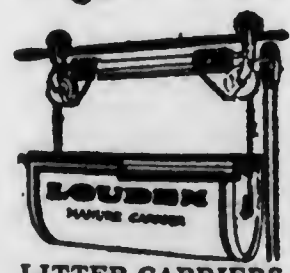
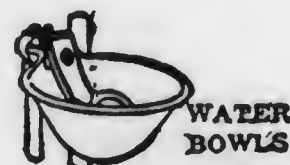
| Name of Owner | Address | Av. No. Cows | Breed | Lbs. Milk | Lbs. Fat |
|-------------------|----------------|-----------------|-------|--------------|-------------|
| James N. Mackison | Delta | 10.77 | R:BS | 7,925 | 322.2 |
| Dr. E. J. Cox | Whiteford, Md. | 16.28 | Mixed | 7,437 | 345.4 |
| C. L. Eisenhart | York #4 | 36.55 | RH | 9,269 | 327.2 |
| Ray Bee Farms | York New Salem | 42.96 | RAyr | 7,689 | 306.6 |

*Part of herd milked three times daily.



LOUDEN BARN EQUIPMENT

Preferred by Leading Pennsylvania Dairymen



Throughout Pennsylvania, you'll find LOUDEN planned and equipped barns on the farms of leading dairymen. Because with modern LOUDEN Equipment you can get more milk from your cows—make feed go farther and pay bigger returns—and actually get along with less help.

Your government has recognized this necessity for modern barn equipment—to increase the supply of milk and other dairy products so vital to victory. It now permits considerably more of it to be manufactured.

So write today about LOUDEN steel stalls and stanchions, hay tools, feed and litter carriers, water bowls, ventilation and other equipment for farm buildings. The equipment you need may be available.

LOUDEN

MACHINERY COMPANY

1047 BROADWAY, Dept. D

ALBANY, NEW YORK

PENNSYLVANIA DAIRYMEN'S ASSOCIATION Individual Dairy Cow Life Time Production Records HONOR ROLL 1942

Eight hundred and fifty-seven cows in the Pennsylvania Dairy Herd Improvement Association in 1942 each received a certificate with red, blue or gold seals divided in classes for life time production of butterfat. 591 cows received a certificate with a red seal for the life time production between 3,000-4,000 lbs. butterfat; 195 cows received a certificate with a blue seal for a life time production between 4,000-5,000 lbs. butterfat; and 71 cows received a certificate with a gold seal for a life time production of 5,000 lbs. butterfat and over—reported by 89 Dairy Herd Improvement Association testers in their respective associations as follows:

Compiled by I. O. SIDELMANN

*—Still Producing

**—Final Record, Died

***—Sold for Breeding

ALLEGHENY COUNTY—(Allegheny Association)

Alfred Shingledecker, Tester, Imperial, Pa.

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|---|-------|----------|--------------|---------|-----------|
| <i>Dundee Farm, Sewickley, Pa.</i> | | | | | |
| Dundee Alice, 323069 | RG | 9-6-30 | 9y-207d | 116,526 | 6,020.9* |
| Dundee Bertha, 375581 | RG | 12-12-32 | 7y-106d | 60,948 | 3,478.7* |
| Bessie of Dundee Farm, 582467 | RG | 1-4-34 | 6y-144d | 66,572 | 3,235.0* |
| Dundee Louise, 375579 | RG | 5-2-32 | 7y-178d | 69,374 | 3,220.9** |
| <i>Craola Farms, Inc., Imperial, Pa.</i> | | | | | |
| Staunton Piebe Jewel, 1219799 | RH | 2-3-27 | 12y-196d | 117,131 | 5,400.3* |
| Staunton Segis Piebe Wayne, 1219800 | RH | 2-17-27 | 9y-355d | 116,536 | 4,390.3** |
| <i>Woodville State Hospital, Woodville, Pa.</i> | | | | | |
| Fayne Hengerveld DeVries, 1303368 | RH | 10-26-28 | 10y-202d | 156,949 | 5,017.6** |
| Mildred Sylvia Fayne, 1392293 | RH | 11-7-29 | 9y-199d | 117,653 | 4,309.5** |
| Sylvia Colantha Julip, 1392292 | RH | 11-24-29 | 9y-199d | 121,242 | 4,091.8** |
| Hengerveld Sylvia Fayne | RH | 10-21-32 | 7y-173d | 96,985 | 3,940.1* |
| Albus Farm Pearl, 1343965 | RH | 1-9-28 | 7y-212d | 118,314 | 3,937.9* |
| Silver Glen Admiral Fannie Ormsby, 1555608 | RH | 2-7-32 | 8y | 104,861 | 3,627.6* |
| Albus Farm Ona Sweet Ruby, 1540200 | RH | 11-20-31 | 7y-212d | 99,255 | 3,476.9* |
| Albus Farm Bess, 1427193 | RH | 8-26-29 | 7y-212d | 98,478 | 3,462.8* |
| Flounce 3 | PH | 3-15-32 | 7y-235d | 92,723 | 3,401.2* |
| Susie Barrington Pride | RH | 1-12-32 | 7y-95d | 93,987 | 3,380.5** |
| DeKol Banostine Walker, 1623048 | RH | 1-16-32 | 7y-156d | 87,647 | 3,239.8** |
| Leona Sarcastic Walker, 1489053 | RH | 7-31-40 | 9y-202d | 99,900 | 3,218.7* |
| Walker Artis Sylvia, 1723539 | RH | 2-7-32 | 6y-343d | 82,056 | 3,179.3** |
| Lady Abbekerk Romeo, 1619021 | RH | 1-16-31 | 8y-107d | 104,129 | 3,043.0** |
| Bess Madaline Piebe, 1622334 | RH | 10-3-32 | 6y-194d | 89,699 | 3,042.6** |
| <i>Allegheny County Workhouse, Blawnox, Pa.</i> | | | | | |
| #185 | PJ | 6-7-29 | 10y-101d | 89,661 | 4,665.0* |
| #200 | PJ | 4-10-30 | 10y-109d | 77,619 | 4,352.9** |
| #193 | PJ | 3-4-30 | 10y-77d | 68,935 | 3,740.6* |
| #218 | PJ | 9-12-31 | 8y-28d | 62,101 | 3,694.1** |
| #210 | PJ | 8-11-31 | 8y-268d | 63,392 | 3,474.8* |
| #241 | PJ | 5-11-32 | 7y-176d | 58,087 | 3,141.1* |
| #0247 | PJ | 6-28-32 | 7y-162d | 62,856 | 3,127.9* |

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|---|-------|----------|--------------|---------|-----------|
| <i>Guy A. McWreath, McDonald, Pa.</i> | | | | | |
| Nina Sciortia DeKol Kornkyka, 1248657..... | RH | 10-8-27 | 11y- 98d | 125,480 | 4,527.7** |
| Pauline Homestead Milba, 1939876..... | RH | 4-9-33 | 7y- 67d | 95,584 | 3,262.4* |
| Pauline Homestead DeKol Segis, 1776819..... | RH | 3-19-32 | 7y-341d | 112,774 | 3,257.6** |
| <i>John Bamford, Midway, Pa.</i> | | | | | |
| Owl Int' Progress Bluebell, 1042518..... | RJ | 2-22-31 | 9y- 17d | 69,756 | 3,889.0** |
| Owl Int' Dorothea, 928052..... | RJ | 12-13-30 | 9y- 63d | 80,455 | 3,867.7** |
| Progress Lookout Pet, 1008243..... | RJ | 12-22-32 | 7y-132d | 59,008 | 3,314.8* |
| Martha Raleigh Rose, 972391..... | RJ | 5-13-31 | 6y-274d | 65,534 | 3,062.4* |
| <i>Sunny Slope Farm, Coraopolis, Pa.</i> | | | | | |
| Emily..... | GrG | 1930 | 9y-263d | 75,765 | 3,209.7** |

ARMSTRONG COUNTY—(Armstrong Association)

Henry E. Miller, Kenneth M. Stull, Testers, Kittanning, Pa.

| | | | | | |
|--|-------|----------|----------|---------|-----------|
| <i>J. M. Patterson, Star Route, Apollo</i> | | | | | |
| Ear Tag, 83620G..... | Mixed | 4-7-28 | 10y-171d | 113,890 | 4,342.1** |
| <i>H. S. Hogg, Worthington, R. 2</i> | | | | | |
| Ear Tag, AD31..... | GrH | 12-21-29 | 10y-139d | 95,132 | 4,052.3* |
| Ear Tag, 69238R..... | GrG | 2-2-29 | 9y | 100,585 | 3,718.4* |
| <i>Koenig Brothers, Tarentum, R. 1</i> | | | | | |
| Bluff View Swartz Lena, 1738808 | RH | 1-8-29 | 6y-182d | 109,544 | 3,583.0* |
| <i>Marshall Brothers, Beyer, Pa.</i> | | | | | |
| Maple Valley Lothian Alcartra lone, 1597274..... | RH | 8-6-31 | 8y-199d | 97,802 | 3,544.9* |
| <i>John M. Reed, Kittanning, R. 3</i> | | | | | |
| Hesheldon Mermaid, 302202..... | RG | 2-28-30 | 10y | 81,956 | 3,441.9* |
| Nellie Faynes Pet, 404936..... | RG | 8-6-31 | 9y | 75,340 | 3,406.4* |

BERKS COUNTY—(Berks Association)

Alice Heisey, Paul Dietrich, Victor Wasser, Walter Hoppes; West Leesport, R.D.; Testers

| | | | | | |
|---|-----|----------|----------|---------|-----------|
| <i>Riveredge Farms, RDG. R. 2</i> | | | | | |
| Crescent Ultra Pride, 295960..... | RG | 6-25-29 | 10y-123d | 108,549 | 6,132.4* |
| Foxbury's Neatters Dipper, 323049..... | RG | 4-14-30 | 9y-220d | 95,635 | 5,321.9* |
| Lady Dohrman of Riveredge, 268393..... | RG | 10-30-28 | 10y- 31d | 91,734 | 4,793.5** |
| Pleasant Plains Loyal, 450380..... | RG | 5-20-33 | 6y-294d | 79,246 | 3,776.4* |
| <i>Miss Caroline Archer, RDG. R. 1</i> | | | | | |
| Flying Hill Tillie, 297452..... | RG | 12-11-29 | 8y-242d | 118,618 | 5,355.2** |
| Flying Hill Lucinda, 329890..... | RG | 3-1-31 | 8y-346d | 94,239 | 5,057.0* |
| Flying Hill Clementine, 327466..... | RG | 6-29-30 | 9y-289d | 91,226 | 4,726.5* |
| Nonparcels Lillian of Breidablik..... | RG | 3-16-27 | 9y-306d | 80,930 | 4,417.5** |
| Flying Hill Lustre, 328122..... | RG | 1-8-31 | 9y- 94d | 80,155 | 4,403.1* |
| Flying Hill Ornament, 384947..... | RG | 1-30-33 | 7y-114d | 81,480 | 3,780.9* |
| Flying Hill Jessimine, 367382..... | RG | 5-31-32 | 6y-241d | 62,276 | 3,510.7** |
| Daybreak of Flying Hill, 225619..... | RG | 2-6-27 | 9y-108d | 67,113 | 3,252.2** |
| <i>Wernersville State Hosp., Wernersville</i> | | | | | |
| # 2318003..... | GrH | 11-8-24 | 11y-206d | 148,089 | 5,338.5** |
| # 256..... | GrH | 4-7-26 | 11y-259d | 150,449 | 5,175.8** |
| # 227..... | GrH | 11-8-24 | 10y-273d | 135,416 | 4,896.1** |
| # 306..... | GrH | 6-14-28 | 11y-124d | 130,003 | 4,754.6* |
| # 255..... | GrH | 3-15-26 | 9y-164d | 118,581 | 4,519.9* |
| # 2318020..... | GrH | 11-23-31 | 7y-344d | 114,028 | 4,096.8** |
| # 2318014..... | GrH | 12-18-30 | 7y-312d | 118,027 | 3,934.1* |
| # 223..... | GrH | 8-1-24 | 11y | 106,884 | 3,396.2** |
| # 2318017..... | GrH | 11-9-31 | 9y- 46d | 93,579 | 3,380.0** |
| <i>Martin W. Wolfskill, Bernville</i> | | | | | |
| Blimmie..... | GrH | 1928 | 11y-214d | 141,913 | 5,119.8* |

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|---|-------|----------|--------------|---------|-----------|
| <i>Bethany Orphans Home, Womelsdorf</i> | | | | | |
| # 30298D..... | GH | 4-11-27 | 13y | 157,500 | 4,724.9* |
| <i>Lonicera Farms, Douglasville</i> | | | | | |
| Lizzie 3rd..... | GrG | 4-19-29 | 9y-123d | 99,881 | 4,273.5* |
| Clara 2-1..... | GrG | 3-27-30 | 9y-123d | 84,157 | 3,692.6* |
| Lonicera Agnes..... | RG | 2-20-29 | 7y-305d | 74,824 | 3,309.9** |
| <i>Belle Alto Farms, Wernersville</i> | | | | | |
| Laurel Locks Light, 285802..... | RG | 10-17-26 | 12y | 94,754 | 4,273.2* |
| Lord's Hope G 115..... | GG | 9-3-29 | 9y-269d | 92,643 | 4,016.4* |
| Laurel Locks Lucinda, 375042..... | RG | 7-11-30 | 8y-334d | 71,808 | 3,692.3* |
| Dauphin's May Queen of Riveria..... | RG | 5-12-29 | 9y-274d | 73,914 | 3,634.6* |
| Regent's Sadie, G140..... | GG | 11-15-31 | 7y-192d | 74,882 | 3,531.6* |
| Laurel Locks Lilly, 335343..... | RG | 9-15-28 | 6y-315d | 58,928 | 3,118.3* |
| <i>Berks County Alms House, Shillington</i> | | | | | |
| Hengewald Posch Walker, 1211300RH | | 2-20-27 | 9y-334d | 111,650 | 3,502.5** |
| <i>Stephen Golubics, Fleetwood</i> | | | | | |
| Nancy Ann of Clear View, 354000 | RG | 8-5-31 | 8y-303d | 76,009 | 3,809.0* |

BLAIR COUNTY—(Blair Association)

Meal Fries, Wm. Campbell, Paul Leard; Hollidaysburg, Pa.; Testers

| | | | | | |
|--|-----|----------|----------|---------|------------|
| <i>D. A. Morrow, Tyrone, R.D.</i> | | | | | |
| Creamcup of Hillside, 274092..... | RG | 12-21-28 | 10y-286d | 122,270 | 5,908.2* |
| Laddies Betsy of Hillside, 258247..... | RG | 2-3-28 | 11y-290d | 109,410 | 5,362.3* |
| Dukes Puella of Hillside, 162254..... | RG | 7-22-30 | 9y- 35d | 84,851 | 4,115.4* |
| <i>Miles C. Bagshaw & Son, Hollidaysburg, R.D.</i> | | | | | |
| Pauline J., 18940..... | RSw | 5-12-23 | 16y | 145,991 | 5,893.7* |
| Lill..... | GSw | | 11y- 90d | 94,220 | 3,818.4* |
| <i>J. W. Burket & Son, Tyrone, R.D.</i> | | | | | |
| Laddies Elizabeth, 241111..... | RG | 5-12-27 | 12y-110d | 115,051 | 5,650.0* |
| Gayhead's Queen Patricia, 355641 | RG | 9-10-30 | 8y- 76d | 74,610 | 4,224.4* |
| Gayhead's Queen Acabtha, 355657..... | RG | 9-28-31 | 7y-182d | 71,532 | 3,229.0*** |
| <i>Preston C. Smith, Martinsburg, R.D.</i> | | | | | |
| Rose..... | GH | | 13y-128d | 126,350 | 5,016.9* |
| Colantha Konigen Star, 1495454..... | RH | 9-11-30 | 9y-273d | 111,498 | 4,026.8*** |
| <i>J. M. Delozier, Hollidaysburg, R.D.</i> | | | | | |
| Trixie S., 24604..... | RSw | 3-19-27 | 12y-234d | 112,736 | 4,795.7** |
| <i>Albert Smith, Hollidaysburg, R.D.</i> | | | | | |
| Marie of Tait Hall, 221313..... | RG | 4-8-25 | 12y-157d | 99,336 | 4,656.6* |
| Dukes Betty of Hillside, 394960..... | RG | 5-7-33 | 8y- 19d | 75,801 | 3,619.3* |
| <i>Alva Long, Portage, R.D.</i> | | | | | |
| Nobles Pearl of Ebensburg, 280346..... | RG | 4-5-29 | 8y- 31d | 54,302 | 3,356.6(4) |
| (4) Out of herd, no reason given. | | | | | |

BRADFORD COUNTY—(Canton Association)

Miss Gertrude Curley, Tester, R.D., Wyalusing

| | | | | | |
|---|----|---------|----------|---------|-----------|
| <i>R. G. Williams & Sons, Canton, Pa.</i> | | | | | |
| Willowhurst Mable Maid | | | | | |
| Alcartra 4th, 1508459..... | RH | 8-6-30 | 9y- 96d | 126,378 | 4,689.0** |
| Willowhurst Mutual Berylwood, 1618425..... | RH | 5-26-32 | 9y- 65d | 115,873 | 3,939.5* |
| <i>Philip Isaacs, Canton, Pa.</i> | | | | | |
| DeKol Korn. Hol. (Twin), 1477132..... | RH | 11-4-29 | 10y-217d | 120,248 | 4,506.8* |
| <i>T. M. Watts, Canton, Pa.</i> | | | | | |
| Topsy, 23E7128..... | GH | 7-22-31 | 9y-213d | 94,524 | 4,281.3* |
| Wattsmeade Piebe Aaggie | | | | | |
| Alcartra, 1618840..... | RH | 4-23-32 | 9y | 101,052 | 3,789.7* |
| <i>Charles Bedford, Canton, Pa.</i> | | | | | |
| Beauty Alcartra Wayne, 1486673..... | RH | 4-29-28 | 12y | 110,130 | 3,474.3* |

BRADFORD COUNTY—(Laurel Hill Association)

Raymond J. Hall, Tester, c/o County Agent, Towanda, Pa.

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|--|-------|----------|--------------|---------|-----------|
| <i>Leland R. Palmer, Ulster, Pa.</i> | | | | | |
| Nonview Korndyke Belle, 1336094..... | RH | 6-16-28 | 11y-207d | 92,130 | 4,048.0** |
| <i>F. W. Gorham, Wysox, Pa.</i> | | | | | |
| Wesauking Columbia Pauline, 1604420..... | RH | 9-2-31 | 9y-33d | 115,007 | 4,028.3* |
| Wesauking Korney Butter Girl, 1678290..... | RH | 2-19-32 | 8y-4d | 98,037 | 3,304.2* |
| <i>Royal D. Slater, Towanda, Pa.</i> | | | | | |
| Daisy..... | GH | 9-19-33 | 6y-218d | 69,139 | 3,314.5* |
| Irene..... | GH | 10-1-32 | 6y-218d | 69,055 | 3,220.1* |
| Pickles..... | GH | 11-19-29 | 6y-218d | 75,699 | 3,084.0* |

BRADFORD COUNTY—(Troy Association)

Kenneth Stackhouse, Tester, Towanda, Pa., c/o Extension Office

| | | | | | |
|---|---|---------|---------|--------|----------|
| <i>Ben Ballard & Son, Troy, Pa.</i> | | | | | |
| Ballard Farm Pontiac Korndyke III, 1671211..... | H | 12-8-32 | 7y-209d | 90,451 | 3,183.3* |

BRADFORD COUNTY—(Ulster Association)

Ray Arnold, Tester, R.D. 3, Towanda, Pa.

| | | | | | |
|--------------------------------------|----|----------|---------|--------|------------|
| <i>C. J. Bresee, Ulster</i> | | | | | |
| Sayda's Pedro's Lilac 2nd, 818510 RJ | | 11-18-27 | 11y-49d | 83,875 | 4,438.1 |
| <i>Damon R. Young, Milan</i> | | | | | |
| Sybil Springside Lilac, 990112.... | RJ | 11-10-31 | 7y-312d | 59,271 | 3,469.2*** |
| <i>H. G. von Wolffradt, Athens</i> | | | | | |
| Chief Flora Lucy, 1018719..... | RJ | 9-9-32 | 7y-220d | 68,493 | 3,746.4* |

BRADFORD COUNTY—(Wyalusing Association)

Boyd Strickland, resigned; Julius Rosengrant, Tester, c/o County Agent, Towanda, Pa.

| | | | | | |
|---|----|----------|----------|---------|----------|
| <i>John H. Howard, Wyalusing</i> | | | | | |
| Skyline Leona Artis, 1336465..... | RH | 5-24-28 | 8y-325d | 105,622 | 3,936.5* |
| Skyline Countess Segis, 1223666..... | RH | 3-11-27 | 10y-319d | 97,565 | 3,474.2* |
| <i>Marion V. Bennett, Laceyville, Pa.</i> | | | | | |
| Bendale Dora, 1083323..... | RJ | 12-12-34 | 5y-203d | 57,303 | 3,350.3* |
| Bendale Eva Gray Fox, 1083322.... | RJ | 9-16-34 | 5y-341d | 52,988 | 3,253.4* |
| Bendale Jean, 1016664..... | RJ | 12-31-32 | 7y-95d | 54,204 | 3,112.6* |

BUCKS COUNTY—(Bucks County Association)

Harrison Myers, Chalfont; Russell Pitt, Doylestown; Earl Baum, N. Wales; Earl Whitman, Dublin; Eugene Hite, Doylestown; Robert Rausch, Ivyland; Alfred Bleiler, Doylestown; William Campbell, Doylestown; Theodore Westberg, Doylestown; Testers

| | | | | | |
|---|----|----------|----------|---------|-----------|
| <i>J. O. Canby, Hulmeville</i> | | | | | |
| Amelia Alberta Ormsby, 1190492.. | RH | 1-20-27 | 12y | 172,898 | 6,058.4** |
| Juanita Ormsby Julia, 1070197.... | RH | 10-19-25 | 11y-81d | 179,111 | 5,927.6* |
| Lois Lera Ormsby, 1067863..... | RH | 12-29-25 | 11y-184d | 148,250 | 5,239.6** |
| Annice Ormsby Aline..... | RH | 10-27-25 | 9y-331d | 136,288 | 4,778.0** |
| <i>J. S. Briggs, Yardley</i> | | | | | |
| Spring Run Dolly..... | RG | 2-12-23 | 13y-231d | 123,109 | 5,832.2** |
| Ashland Sailor's Bloom, 346319.... | G | 2-22-31 | 8y-126d | 70,117 | 3,650.6** |
| Ashland Sailor's Lassie, 327368.... | G | 8-9-30 | 8y-321d | 76,191 | 3,491.4* |
| Ashland May Rilma, 328612..... | G | 9-14-30 | 9y-82d | 77,498 | 3,407.3* |
| <i>Max Frey, Ottsville</i> | | | | | |
| Compton's Oxford Expectation, 656909..... | RJ | 9-30-24 | 14y-329d | 116,558 | 5,547.5** |
| Compton's Penstate Fannie, 795528..... | RJ | 1-31-28 | 11y-284d | 97,993 | 4,685.2** |
| Susie..... | PJ | 1928 | 8y-359d | 76,973 | 3,669.1* |

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|--|-------|----------|--------------|---------|------------|
| <i>Alvin Worthington, Newtown</i> | | | | | |
| Kitty..... | GG | 1925 | 11y | 118,863 | 5,280.3* |
| Golden Master's Nellie, 369495.... | RG | 4-4-32 | 7y-117d | 62,879 | 3,734.1* |
| Patsy..... | GH | 1929 | 7y-90d | 93,165 | 3,377.9* |
| <i>J. Arthur Shelly, Fountainville</i> | | | | | |
| Lily..... | GG | 1927 | 12y-61d | 104,545 | 4,976.4** |
| June..... | GG | 10-7-30 | 9y-33d | 65,651 | 3,027.5* |
| <i>Milton Satterthwaite, Woodside</i> | | | | | |
| Weonland Betty Ormsby Sweet, 1525888..... | RH | 10-22-28 | 10y-30d | 135,243 | 4,629.1** |
| Beauty..... | RH | — | 10y-16d | 127,245 | 4,396.4** |
| <i>C. H. Smith & Son, Wycombe</i> | | | | | |
| Robin Run's Ida Lotta, 305728.... | G | 11-9-29 | 9y-340d | 92,929 | 4,601.1* |
| Robin Run's Helga Lotta, 275597.. | RG | 10-7-28 | 10y-226d | 74,978 | 4,493.9** |
| Robin Run's Kala Lotta..... | G | 3-22-31 | 8y-230d | 71,043 | 3,955.4* |
| <i>Amos & H. R. Satterthwaite, Yardley</i> | | | | | |
| Herosa Prilly Ormsby, 1340504.... | RH | 10-8-28 | 10y-231d | 130,760 | 4,578.9* |
| Herosa Colantha Segis Ormsby, 1275266..... | RH | 10-28-27 | 11y-238d | 134,448 | 4,578.5** |
| Herosa Jewel Ormsby, 1584841.... | RH | 11-3-31 | 7y-160d | 86,968 | 3,189.0* |
| Herosa Prilly Hartog, 1487634.... | RH | 8-24-30 | 8y-130d | 95,456 | 3,068.2* |
| <i>J. Howard Cliffe, Ivyland</i> | | | | | |
| Greenfield Matilda, 347729..... | RG | 8-27-29 | 10y-165d | 92,258 | 4,578.7* |
| Greenfield Marie, 347727..... | RG | 7-14-28 | 11y | 94,585 | 4,426.9* |
| <i>E. F. Stewart, Colmar</i> | | | | | |
| Lady Mary of Pinebrook, 352307.. | G | 10-5-31 | 9y-49d | 97,988 | 4,465.3* |
| Lucy of Pinebrook, 312994..... | RG | 1-29-30 | 9y-275d | 84,165 | 4,300.9** |
| Joan of Pinebrook, 339184..... | RG | 1-31-31 | 9y-8d | 76,067 | 3,976.4* |
| Annetta of Pinebrook, 352305.... | RG | 9-20-31 | 8y-90d | 71,432 | 3,795.5* |
| Margaretta of Pinebrook, 380200.. | RG | 10-11-32 | 6y-362d | 75,485 | 3,595.2*** |
| Martie of Pinebrook, 390869..... | RG | 3-7-33 | 6y-226d | 60,164 | 3,469.6*** |
| <i>J. Iden Smith, New Hope</i> | | | | | |
| Betty's Princess Hepsy, 200123.... | RG | 9-4-25 | 12y-138d | 87,190 | 4,378.1** |
| <i>Williams and Harley, New Hope</i> | | | | | |
| Nigger..... | GG | 10-18-28 | 9y | 88,231 | 4,311.4* |
| <i>Homer Wentz, Quakertown, R.D.</i> | | | | | |
| Veeman Ormsby Snowball, 15965.. | RH | 3-23-29 | 10y-187d | 123,626 | 4,307.2* |
| <i>Willard Wright, Yardley</i> | | | | | |
| Weonland Special Ormsby Fayne, 1570213..... | RH | 9-27-31 | 8y-42d | 104,304 | 3,942.8* |
| Breezyvale Goldine Pontiac, 1467767..... | RG | 12-31-30 | 9y-6d | 102,889 | 3,614.4* |
| Lizzie..... | GH | 10-4-30 | 9y-171d | 105,557 | 3,585.4* |
| <i>T. H. Kleinhoff, Doylestown</i> | | | | | |
| Tinnie of Pinebrook, 293616..... | G | 6-25-29 | 9y-209d | 84,299 | 3,885.1* |
| <i>George S. Havens, New Hope</i> | | | | | |
| Fern's Faith of Limeport..... | RG | 10-19-27 | 12y-27d | 86,551 | 3,828.2* |
| Fern's Charity of Limeport..... | RG | 9-12-28 | 11y-175d | 70,901 | 3,121.2** |
| <i>Wilmer Twining, Wycombe</i> | | | | | |
| Linghocken Princess Jo, 1375516.. | RH | 7-16-29 | 9y-203d | 106,608 | 3,703.2** |
| Linghocken Betty Jo, 1490964.... | RH | 12-2-30 | 9y-53d | 105,399 | 3,562.3* |
| <i>Edward Satterthwaite, Newtown</i> | | | | | |
| Newtown Universal Ollie, 1497963..... | RH | 3-8-31 | 8y-259d | 106,915 | 3,539.0* |
| <i>Isaac S. Gross, Plumsteadville</i> | | | | | |
| Grosslyn Ormsby Dime, 1596733.. | Hol. | 2-13-30 | 9y-176d | 94,625 | 3,280.2* |
| Grosslyn Prospect Peark, 1589095.. | Hol. | 10-1-29 | 9y-151d | 98,651 | 3,177.5* |
| Grosslyn Ormsby Dudley May, 1659067..... | Hol. | 11-11-30 | 8y-286d | 88,278 | 3,104.3* |
| Grosslyn Sensation Pet..... | Hol. | 9-10-30 | 8y-321d | 84,598 | 3,040.0* |
| <i>Ernest Foellner, Ottsville</i> | | | | | |
| Clover Leaf Ormsby Belle, 1573941..... | Hol. | 10-21-30 | 8y-317d | 84,464 | 3,041.2** |

BUTLER COUNTY—(Butler County Association)

Herbert Gilmore, Howard McMillen, Oscar Paden; Testers; Community Building, Butler, Pa.

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|--|-------|----------|--------------|---------|-----------|
| <i>C. B. Wachsmuth, Portersville</i> | | | | | |
| Nellie's Cora Gay, 260378..... | RG | 6-21-28 | 10y-138d | 103,154 | 5,056.6 |
| King's Jennybelle, 271105..... | RG | 11-9-28 | 11y-169d | 96,991 | 4,669.7 |
| <i>Hugh Fergus, Slippery Rock</i> | | | | | |
| Dinah..... | GrG | 7-31-28 | 10y-320d | 109,852 | 4,849.7 |
| <i>John L. Schiever, Harmony, R.D. 1</i> | | | | | |
| Star..... | GH | | 8y-132d | 101,056 | 4,277.8 |
| Option's Oxford Rose, 1012300..... | RJ | 8-14-32 | 7y-349d | 69,226 | 3,344.4 |
| Topsy..... | GH:J | 2-19-33 | 7y-472d | 70,760 | 3,132.0 |
| <i>Paul Blair, Butler, R.D. 6</i> | | | | | |
| Nadine of Blairsdale, 395730..... | RG | 11-2-30 | 8y-309d | 68,622 | 3,980.8 |
| Credelia, 319799..... | RG | 3-29-28 | 10y-72d | 81,372 | 3,739.6** |
| Conradine, 414159..... | RG | 10-30-31 | 7y-287d | 74,171 | 3,447.6 |
| <i>A. J. Long, Cabot</i> | | | | | |
| Lotta Sylvia Segis, 1326608..... | RH | 10-21-25 | 8y-274d | 95,992 | 3,578.5 |
| <i>Clyde Peffer, Portersville</i> | | | | | |
| Perfection Joan, 331796..... | RG | 10-7-30 | 7y-304d | 78,718 | 3,449.6 |
| <i>R. N. Dickey, Slippery Rock</i> | | | | | |
| Queen Ann's Pet, 267809..... | RG | 9-1-28 | 8y-259d | 80,043 | 3,378.0 |
| <i>McCandless Bros., Butler R.D. 5</i> | | | | | |
| Creamy Daisy of Hermitage, 1037443..... | RJ | 6-14-33 | 7y-23d | 64,285 | 3,322.2 |
| Creamy Pansy of Hermitage, 1038153..... | RJ | 6-18-33 | 6y-275d | 60,795 | 3,143.4 |
| <i>C. R. Hartzell, Butler, R.D. 6</i> | | | | | |
| Leonabell's Fawn, 469183..... | RG | 4-19-33 | 6y-30d | 54,933 | 3,159.9 |
| Fawn's Marie, 456051..... | RG | 11-22-32 | 6y-128d | 59,654 | 3,043.4 |

CAMBRIA COUNTY—(Cambria County Association)

Merle D. Neely, Tester, 1138 Keelton St., Dormont, Pa.

W. Griffith Estate, Ebensburg, Pa.

| | | | | | |
|---------------------------------|----|---------|---------|--------|----------|
| Woodlawn Emma Lou, 355082..... | RG | 2-18-30 | 9y-124d | 76,787 | 4,580.9* |
| Noble's Beauty of Ebg..... | RG | 6-23-28 | 10y-95d | 94,818 | 4,544.6* |
| Woodlawn Home Pride, 35508..... | RG | 7-19-29 | 9y-138d | 89,135 | 4,199.8* |

CENTRE COUNTY—(Centre County Association)

Thomas Fox, Mill Hall, Pa.; Ira Whiteman, Oak Hall Station, Pa.; Richard Gundrum, Lewistown, Pa.; Testers

Western Penitentiary, Bellefonte, Pa.

| | | | | | |
|--|-----|----------|---------|---------|-----------|
| #1141..... | GrH | 3-19-32 | 7y-114d | 131,114 | 4,740.1* |
| #1198..... | GrH | 12-18-32 | 7y-247d | 130,977 | 4,519.9* |
| #1110..... | GrH | 1-12-32 | 7y-189d | 138,705 | 4,489.6* |
| Nittanyvale Aaggie Piebe, 1614239..... | RH | 9-9-32 | 6y-259d | 128,766 | 4,391.7* |
| Nittanyvale Maida Artis, 1619746..... | RH | 11-22-32 | 6y-245d | 130,273 | 4,369.6* |
| Nittanyvale Winterthur Loyal-sock..... | RH | 3-21-32 | 6y-73d | 135,767 | 4,127.3* |
| Nittanyvale Winterthur Blanche | RH | 7-18-32 | 7y-39d | 127,261 | 4,016.5* |
| #1229..... | RH | 3-16-33 | 4y-163d | 118,983 | 3,951.3* |
| #1253..... | GrH | 8-6-33 | 5y-278d | 89,843 | 3,856.4* |
| Nittanyvale Great Lady, 1711269..... | RH | 11-16-33 | 5y-274d | 104,623 | 3,537.3* |
| Nittanyvale Malam Lady, 1841950..... | RH | 5-24-34 | 5y-146d | 97,995 | 3,532.4* |
| #1285..... | GrH | 12-22-33 | 5y-116d | 86,603 | 3,260.9** |
| #1300..... | GrH | 2-27-34 | 5y-176d | 90,839 | 3,105.4** |
| Nittanyvale Clothilde, 1711273..... | RH | 2-10-34 | 5y-186d | 91,758 | 3,084.6* |

THE PENNSYLVANIA DAIRYMEN'S ASSOCIATION

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|---|-------|----------|--------------|---------|------------|
| <i>F. E. MacIntire, Rebersburg, Pa.</i> | | | | | |
| Kenwood Ormsby Korndyke Lipkje..... | RH | 11-9-30 | 9y-274d | 138,292 | 4,664.7* |
| Kenwood Susie Pontiac..... | RH | 1-6-32 | 8y-209d | 91,053 | 3,203.9* |
| Kenwood Pontiac Burke..... | RH | 9-11-31 | 7y-292d | 82,684 | 3,148.3** |
| <i>Loudon Kyle, Mackeyville, Pa.</i> | | | | | |
| Nit-a-nee Lady Piebe, 1261578..... | RH | 2-28-28 | 10y-75d | 134,088 | 4,504.2* |
| Ruth Pontiac DeKol Lass, 1673829..... | RH | 11-20-32 | 7y-32d | 75,639 | 3,077.6** |
| <i>M. Earl Confer, Howard, Pa.</i> | | | | | |
| #2311029 No. 29..... | GrH | 10-5-31 | 8y-161d | 85,125 | 3,537.9** |
| <i>Harry M. Smith, Bellefonte, Pa.</i> | | | | | |
| Pauline Clothilde Alcartra, 18958..... | RH | 5-5-30 | 8y-300d | 79,628 | 3,446.6* |
| <i>Eugene Ellenberger, Warriors Mark, Pa.</i> | | | | | |
| Smoky Lou Foxy Adaline, 995702..... | PJ | 11-20-31 | 6y-304d | 60,499 | 3,234.5** |
| <i>Locust Lane Farm, Beech Creek, Pa.</i> | | | | | |
| Springwater Dina, 259193..... | RG | 5-24-28 | 8y-113d | 67,203 | 3,191.6* |
| <i>T. C. Kryder, Mill Hall, Pa.</i> | | | | | |
| Crescent Spring Lila Ormsby, 1671342..... | RH | 12-9-32 | 7y-85d | 93,913 | 3,093.8*** |
| <i>Fox Brothers, Mill Hall, Pa.</i> | | | | | |
| Fox Farms Morning Star Jupiter..... | RH | 1-9-33 | 6y-284d | 79,656 | 3,060.0* |
| <i>W. R. Camerer, Jersey Shore, Pa.</i> | | | | | |
| Daisy..... | GrH | 8-6-32 | 7y-217d | 85,351 | 3,011.3* |

CHESTER COUNTY—(Chester Valley Association)

Warren Shingle, Downingtown; John McAllister, Court House Annex, West Chester; Tester

Wm. M. Lloyd, Downingtown

| | | | | | |
|---|--------|----------|----------|---------|-----------|
| Valley Brook Mary Louise, 706119..... | RJ | 5-10-26 | 13y-132d | 86,639 | 5,281* |
| Valley Brook's Fauvic's Maggie, 821664..... | RJ | 12-28-26 | 13y-146d | 95,814 | 4,344.9* |
| Valley Brook Pince's Nita, 855540..... | Jersey | 11-3-28 | 11y | 76,439 | 2,798.3* |
| Valley Brook's Pince Anna, 855543..... | RJ | 4-8-29 | 10y-97d | 70,373 | 3,496.6** |
| <i>Frank A. Keen, West Chester</i> | | | | | |
| Blue Rock Katherine, 1383338..... | RH | 1-4-29 | 10y-334d | 132,374 | 4,689.2* |
| Blue Rock Hattieson Yycca..... | RH | 10-25-30 | 8y-167d | 95,571 | 3,553.0* |
| Blue Rock Princess Cedar, 1583273..... | | | 7y-94d | 81,472 | 3,120.9* |
| <i>Mrs. John Kent Kane, Glen Loch</i> | | | | | |
| Shirley's Moonbeam, 288846..... | RG | 4-11-29 | 9y-122d | 96,934 | 4,569.3* |
| <i>Jos. A. Bicking Estate, Whiteford</i> | | | | | |
| | GrG | | 8y-61d | 77,183 | 3,614.9* |

CHESTER COUNTY—(Oxford Association)

Maurice Stump, Tester, Box 202, Oxford, Pa.

Longwood Farms, Kennett Square, Pa.

| | | | | | |
|--|-----|----------|----------|---------|-----------|
| Publican Clare of Longwood, 265318..... | RG | 11-5-28 | 10y-334d | 93,326 | 4,180.1* |
| Longwood Glitter, 419774..... | RG | 10-15-32 | 7y-61d | 71,087 | 3,569.0* |
| <i>Conner & Killinger, Avondale, Pa.</i> | | | | | |
| Bright Bell, 1000725..... | RJ | 4-20-31 | 9y-313d | 75,303 | 4,123.9* |
| St. Maw's Livingston's Emma, 848820..... | RJ | 11-16-38 | 9y-320d | 82,475 | 3,863.5** |
| <i>H. L. Stubbs, Oxford, Pa.</i> | | | | | |
| #21 E.T. Pa. 3628..... | HG | ? | 9y-61d | 114,884 | 4,255.7* |
| #12 E.T. A71279..... | GrG | ? | 9y-59d | 76,094 | 3,348.4* |
| #1 E.T. Pa. M15504..... | RH | 8-11-27 | 9y-61d | 104,057 | 3,442.4* |
| Jordan Aaggie Ormsby, 1263664..... | RH | 9-23-26 | 9y-61d | 94,993 | 3,332.2* |

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|---|-------|----------|--------------|---------|-----------|
| <i>Edward H. Goodwin, West Grove, Pa.</i> | | | | | |
| #18 E.T. Pa. AF68001..... | HG | 1931 | 7y-284d | 94,940 | 3,826.5* |
| #12 E.T. Pa. T40734..... | GrJ | ? | 7y-284d | 53,590 | 3,085.6* |
| Red Clover G., 1063456..... | RJ | 4-6-34 | 5y-314d | 50,845 | 3,151.7* |
| #9 E.T. Pa. 44674-1..... | GrJ | ? | 8y | 68,134 | 3,039.3* |
| <i>Lewis J. Brown, Nottingham, Pa.</i> | | | | | |
| Maid E.T. Pa. 137325..... | PH | 9-21-30 | 9y-334d | 114,590 | 3,712.2* |
| <i>Thomas Sloan, Oxford, Pa.</i> | | | | | |
| #24A E.T. Pa. 32676x..... | HJ | ? | 7y-268d | 88,986 | 3,712.2* |
| <i>Hayes & Shoemaker, Oxford, Pa.</i> | | | | | |
| Greenwood Pet, 1743659..... | RH | 7-30-30 | 9y-131d | 121,631 | 3,670.8** |
| Greenwood Abekerk Ormsby, | | | | | |
| 1681208..... | RH | 10-20-31 | 9y-38d | 110,925 | 3,527.8* |
| Greenwood Helena, 1681209..... | RH | 9-1-32 | 7y-102d | 104,872 | 3,201.2* |
| <i>Hayes Lindsey, Oxford, Pa.</i> | | | | | |
| Sally E.T. Pa. 81832M..... | GrG | 1930 | 9y-153d | 76,786 | 3,652.1* |
| <i>Dr. Edward A. Webb, Avondale, Pa.</i> | | | | | |
| Amelia E.T. 75890G..... | GrG | 6-4-28 | 8y-67d | 69,891 | 3,274.9** |
| <i>Everett Holt, Lincoln University, Pa.</i> | | | | | |
| Sayda's Sophia G., 87859..... | RJ | 1-5-29 | 12y-72d | 96,094 | 5,441.2* |
| Nancy E.T. Pa. 32141R..... | GrJ | 7-23-29 | 11y-127d | 82,079 | 3,731.9** |
| Floris E.T. Pa. 23L0802..... | GrJ | 5-12-31 | 8y-252d | 67,480 | 3,482.0* |
| Mary E.T. Pa. D39519..... | GrJ | 9-3-31 | 9y-10d | 71,842 | 3,425.6* |
| Annie E.T. Pa. 197877..... | GrJ | 4-12-31 | 9y-206d | 67,098 | 3,406.6* |
| Lorane E.T. Pa. D39518..... | GrJ | 8-4-31 | 9y-183d | 63,461 | 3,278.1* |
| Lady E.T. Pa. L97880..... | JG | 2-6-33 | 7y-249d | 60,039 | 3,022.9* |
| <i>D. Lester Gallagher, Peach Bottom, Pa.</i> | | | | | |
| Hope of Penn View, 343871..... | RG | 12-15-30 | 9y-334d | 100,530 | 5,000.0* |
| Pauline of Penn View, 337758..... | RG | 10-24-30 | 10y-31d | 74,347 | 4,005.0* |
| <i>H. S. Gatchell, Peach Bottom, Pa.</i> | | | | | |
| Lassie Lady Moon G., 923487..... | RJ | 1-16-40 | 10y-299d | 87,396 | 4,883.5* |
| Dell's Daffy G., 916-559..... | RJ | 11-23-29 | 11y-28d | 83,835 | 4,608.0* |
| Buttercup G., 951520..... | RJ | 10-6-30 | 9y-276d | 80,969 | 4,601.2** |
| Lady Valentine Hillacres | | | | | |
| 1031974..... | RJ | 2-14-33 | 7y-314d | 64,445 | 3,805.5* |
| Laddy Letty G., 1025854..... | RJ | 12-6-32 | 7y-3374 | 73,01 | 3,768.6 |
| Amakura G., 1012841..... | RJ | 9-28-32 | 7y-238d | 62,247 | 3,513.4* |
| <i>Mrs. Louise Wade, Chatham, Pa.</i> | | | | | |
| #24 E.T. 29387x..... | GrG | ? | 11y-50d | 83,041 | 4,298.6** |
| #52 E.T. 42994T..... | GrJ | ? | 11y-334d | 80,658 | 4,272.8* |
| #10 E.T. D39837..... | GrJ | ? | 9y-262d | 116,896 | 4,226.4* |
| #37 E.T. 852937..... | GrJ | ? | 11y-76d | 86,357 | 4,182.4* |
| #27 E.T. Pa. D39838..... | GrH | ? | 9y-224d | 99,569 | 4,063.7* |
| #26 E.T. 29384x..... | GrG | ? | 9y-356d | 92,255 | 4,049.8* |

CHESTER COUNTY—(West Chester Association)

Shannon Peppel, Tester, West Chester, Pa., R.D.

| | | | | | |
|--|-----|----------|----------|---------|-----------|
| <i>Westtown School Farm, Westtown, Penna.</i> | | | | | |
| #22 E.T. 23F1503..... | GH | Spr. '28 | 12y-193d | 138,559 | 4,944.2** |
| #A24 E.T. 23F1524..... | GrH | Oct. '31 | 8y-268d | 101,919 | 3,581.1* |
| <i>Eclipse of Liseter Farm</i> | | | | | |
| #A96 E.T. 23F1596..... | RG | 5-28-33 | 7y-15d | 59,083 | 3,039.2* |
| <i>Delaware County Home, Lima, Penna.</i> | | | | | |
| #1 E.T. H88392..... | GrH | ? | 8y-82d | 125,811 | 4,254.0** |
| <i>E. Page Allinson, West Chester, Pa.</i> | | | | | |
| Ashlea Mathildee Inka | | | | | |
| #1613540 E.T. 23F0195..... | RH | 11-12-32 | 7y-104d | 107,394 | 3,939.9** |
| Town's End Winana Piebe | | | | | |
| #1333913 E.T. 23F0205..... | RH | 9-25-38 | 8y-335d | 111,365 | 3,864.9* |
| T. E. Countess Valdessa | | | | | |
| #1750587 E.T. 23F0231..... | RH | 6-14-32 | 7y-297d | 101,806 | 3,442.7* |
| <i>Liseter Farm, R. J. Austin, Newtown Square, Pa.</i> | | | | | |
| Africander's Gold of Liseter | | | | | |
| 434407..... | RG | 7-23-33 | 7y-163d | 67,320 | 3,939.6* |

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|--|-------|----------|--------------|--------|-----------|
| <i>Liseter Sunny Belladonna,</i> | | | | | |
| 348005..... | RG | 11-1-30 | 7y-304d | 76,737 | 3,600.2** |
| <i>Cornalfa's Fortes, 400936.....</i> | | | | | |
| Belladonna of Liseter Farm, | | | | | |
| 276853..... | RG | 3-30-31 | 6y-335d | 74,848 | 3,557.1** |
| <i>Sunny Liseter Esperance,</i> | | | | | |
| 407716..... | RG | 8-29-28 | 8y | 68,997 | 3,492.6* |
| <i>Liseter Sunny Nellie, 347999.....</i> | | | | | |
| Goldie of Lincoln View Farm, | | | | | |
| 393860..... | RG | 6-7-32 | 8y | 75,426 | 3,466.0* |
| Brown Eye Lady Lily, 395655..... | RG | 5-9-30 | 7y-181d | 63,589 | 3,227.5** |
| <i>Regina's Africander's Gloria,</i> | | | | | |
| 462745..... | RG | 1-10-33 | 7y-147d | 65,916 | 3,227.2* |
| | | 5-1-33 | 7y-20d | 66,633 | 3,221.9* |
| | | 10-20-33 | 6y-272d | 58,150 | 3,196.6* |

CLARION COUNTY—(Clarion County Association)

George Cole, Vermont Hosier, Horace Jackson, Jr.; Testers; Clarion, Pa.

| | | | | | |
|--|----|----------|----------|---------|-----------|
| <i>R. H. Shook, Sligo</i> | | | | | |
| Milkmaid of Oak Grove, 302862..... | RG | 10-2-29 | 10y | 103,449 | 5,347.3* |
| <i>J. W. M. Gruber & Son, Shippensburg, R.D.</i> | | | | | |
| Dolly's Peach Bud of Sunset | | | | | |
| View, 215417..... | RG | 5-9-26 | 12y-222d | 99,854 | 5,216.4** |
| White Light's Dolly, 311309..... | RG | 1-1-30 | 10y-355d | 90,834 | 4,189.0 |
| White Light's Princess, 350375..... | RG | 5-19-31 | 8y-81d | 85,466 | 3,703.0 |
| <i>White Light's Sunny Peach</i> | | | | | |
| 343006..... | RG | 3-4-31 | 9y-65d | 69,453 | 3,670.0* |
| <i>White Light's Catherine Chene,</i> | | | | | |
| 410494..... | RG | 1-1-31 | 8y-298d | 78,312 | 3,178.9* |
| <i>F. L. Stahlman, New Bethlehem, R.D., Pa.</i> | | | | | |
| Reservation Alma, 215122..... | RG | 5-4-26 | 14y | 85,169 | 5,001.0* |
| Alma's Dory of Gladedale, 397431..... | RG | 10-15-31 | 8y-294d | 77,221 | 4,234.9* |
| <i>Wm. & C. A. McCauley, New Bethlehem, R.D.</i> | | | | | |
| Leatherwood Copia, 148913..... | RH | 8-11-30 | 9y | 112,282 | 3,938.2* |
| <i>Leatherwood Ormsby Fidel,</i> | | | | | |
| 1392743..... | RH | 11-17-29 | 9y-281d | 83,059 | 3,518.5** |
| <i>Leatherwood Lilith Ona, 1564477.....</i> | | | | | |
| C. L. Risher, East Brady | | | | | |
| 7-5-32 | | 7y-76d | | 100,635 | 3,118.8* |
| <i>Fairboy's Fancy of Oak Grove,</i> | | | | | |
| 298988..... | RG | 7-26-29 | 9y-136d | 79,747 | 3,739.6** |
| <i>Daisy.....</i> | | | | | |
| 10-20-30 | GG | 9y-166d | | 84,158 | 3,670.3* |
| <i>Parker View Farm, Parkers Landing, R.D.</i> | | | | | |
| Fawn Maple's Pearl's Dot, | | | | | |
| 276222..... | RG | 11-1-26 | 8y-304d | 76,458 | 3,654.0* |
| <i>Mrs. W. H. Fleming, New Bethlehem, R.D.</i> | | | | | |
| Chene Lassie of Limestone..... | RG | 7-19-33 | 6y-171d | 65,052 | 3,387.5* |
| <i>E. C. Frampton, Sligo, R.D.</i> | | | | | |
| Meadow's Brook's Lady Norma, | | | | | |
| 377237..... | RG | 8-2-32 | 8y | 69,099 | 3,285.5* |
| <i>J. E. Shook, Sligo, R.D.</i> | | | | | |
| Meadow Brook, 391749..... | RG | 3-18-33 | 7y | 62,778 | 3,183.0* |
| <i>H. B. Truitt & Son, Fairmount City, R.D.</i> | | | | | |
| Kate..... | GG | 1932 | 7y | 63,786 | 3,081.3* |

CLEARFIELD COUNTY—(Clearfield Association)

Orvis Delcamp, Tester, Clearfield, Pa., Box 628

| | | | | | |
|--------------------------------------|-----|----------|----------|--------|----------|
| <i>D. T. Mitchell, Jr., Mahaffey</i> | | | | | |
| Little Jane, Eartag 18..... | GrJ | 1929 | 10y-273d | 75,137 | 3,952.9* |
| Polly, Eartag 29..... | RJ | 8-23-30 | 9y-61d | 67,654 | 3,864.4* |
| Ten, Eartag 10..... | GrJ | 1929 | 10y-273d | 58,918 | 3,734.2* |
| Splitear, Eartag P-31854..... | PJ | 1929 | 10y-273d | 55,348 | 3,118.2* |
| <i>S. V. McKee, Westover</i> | | | | | |
| Nigger, Eartag 43279S..... | GG | 1929 | 11y-95d | 86,862 | 3,797.0* |
| <i>E. P. Young, Westover</i> | | | | | |
| Judy, Eartag, 142..... | GJ | Jan. '28 | 9y-177d | 62,588 | 3,515.9* |

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|---|-------|-----------|--------------|--------|-----------|
| <i>Harry Gearhart, Bigler</i> | | | | | |
| Molly, Eartag 23-C8308..... | GJ | Sept. '34 | 6y-184d | 63,492 | 3,375.1* |
| Lassie, Eartag 23-C8305..... | PJ | June, '33 | 7y- 9d | 52,667 | 3,230.0* |
| <i>Morris Shimmel, West Decatur</i> | | | | | |
| Bel (E.T. E-87620)..... | GH | June, '30 | 7y | 67,266 | 3,163.2* |
| <i>Clearfield County Home, Clearfield</i> | | | | | |
| Spot, Eartag 86972..... | GH | June, '32 | 7y-360d | 99,377 | 3,063.7* |

COLUMBIA COUNTY—(Columbia- Luzerne Association)

Walter F. Teel, Tester, c/o County Agent's Office, Bloomsburg, Pa.

Col. Dorrance Reynolds

| | | | | | |
|--|----|----------|----------|---------|-----------|
| Goodleigh Groignet of Bruser, 1324648..... | RG | 11-2-30 | 9y-132d | 105,563 | 5,058.1* |
| Goodleigh Glade Girl Lottie, 336496..... | RG | 4-24-31 | 8y- 80d | 86,911 | 4,327.4* |
| Goodleigh Lucretia Lenore, 304717..... | RG | 3-9-30 | 9y-216d | 97,392 | 4,243.4* |
| Goodleigh Green Valley Glen, 328804..... | RG | 12-24-30 | 8y-309d | 69,384 | 3,862.2* |
| Goodleigh's Flossie Lenore, 331383..... | RG | 3-4-31 | 8y- 97d | 80,637 | 3,610.2* |
| Goodleigh's Sunlight, 347783..... | RG | 10-10-31 | 8y-117d | 77,850 | 3,527.3* |
| Goodleigh's Pride of Margaret, 354925..... | RG | 2-4-32 | 8y- 20d | 67,584 | 3,434.3* |
| Goodleigh Fleurette, 380085..... | RG | 1-23-33 | 6y- 40d | 78,424 | 3,234.6* |
| Goodleigh Betty Margaret, 359981..... | RG | 4-17-32 | 7y-190d | 56,943 | 3,069.5* |
| <i>J. A. & W. D. Fairchild</i> | | | | | |
| Rivermead Chief Helena, 1295284 | RH | 11-21-27 | 11y-162d | 135,857 | 4,795.4** |
| Fairwood Helen Pontiac, 1586555 | RG | 11-5-31 | 8y | 101,038 | 3,509.3* |
| Fairwood Kate Pontiac, 1720170..... | RH | 11-28-32 | 7y- 68d | 103,063 | 3,289.2* |
| Fairwood Jessie Model, 1586557..... | RH | 12-3-31 | 7y-153d | 91,553 | 3,255.2** |
| <i>Danville State Hospital</i> | | | | | |
| # 23-C0120-163..... | GH | 1-30-29 | 10y-345d | 120,435 | 4,257.0* |
| # 23-G0238..... | GH | 11-28-32 | 7y | 92,125 | 3,499.6* |
| # 23-G0189..... | GH | 10-15-31 | 8y | 101,953 | 3,440.9* |
| # 23-G0191..... | GH | 9-19-31 | 7y-296d | 98,374 | 3,263.9* |
| # 23-G0228..... | GH | 9-2-32 | 7y | 85,056 | 3,069.6* |
| <i>Clarence R. Hack</i> | | | | | |
| Walnut's Mary's Royal, 299700..... | RG | 8-13-29 | 8y- 91d | 84,231 | 4,228.1* |
| Almas Ivy of Gladesdale, 326229..... | RG | 8-4-30 | 8y-170d | 67,153 | 3,612.3** |
| Hazel of Conner Park, 358486..... | RG | 11-12-31 | 8y | 67,204 | 3,273.3* |
| <i>Roland H. Seely</i> | | | | | |
| Hody of Green Grove, 392533..... | RG | 4-5-33 | 6y-276d | 75,440 | 3,758.2* |

COLUMBIA COUNTY—(Columbia No. 2 Association)

Lyle E. Morgan, Harold Plastow; Testers; Agric. Extension Ass'n., Bloomsburg, Pa.

Alvin C. Suttiff

| | | | | | |
|--------------------------------------|----|---------|--------|--------|---------|
| Walnuts Doris, 327735..... | RG | 9-20-30 | 8y- 2d | 76,057 | 3,852.0 |
| Reta of Shady Rill Farm, 235712..... | RG | 3-16-27 | 8y- 2d | 73,139 | 3,379.8 |

CRAWFORD COUNTY—(Western Crawford Association)

Albert Crowl, Tester, Box 56, Guys Mills, Pa.

| | | | | | |
|-----------------------------------|----|---------|----------|--------|----------|
| <i>Jos. Mandie</i> | | | | | |
| Announcer's Edna, 304060..... | RG | 11-9-29 | 10y-234d | 86,008 | 4,292.7* |
| <i>Riverside Stock Farm</i> | | | | | |
| Last Day Gloria, 922980..... | RJ | 7-31-30 | 9y- 17d | 70,909 | 3,868.8* |
| Tormentor Shy Violet, 959527..... | RJ | 9-18-31 | 8y- 81d | 65,357 | 3,394.0* |
| Sophie Paymaster Vi, 1034470..... | RJ | 12-7-33 | 6y- 44d | 59,460 | 3,046.3* |
| Kid of Ohio's Luck, 632408..... | RJ | 8-15-24 | 8y- 6d | 64,516 | 3,125.3* |

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|-------------------------------------|-------|----------|--------------|--------|-----------|
| <i>R. T. Gaylord</i> | | | | | |
| Sunrise Alma Pietje, 1798342..... | RH | 11-30-25 | 10y | 99,212 | 3,524.0* |
| Sunrise Segis Bleske, 1652612..... | RH | 11-22-27 | 9y- 92d | 81,552 | 3,061.3** |
| <i>H. O. Drissel</i> | | | | | |
| Louise Sally of W. F., 1050438..... | RJ | 9-28-32 | 7y- 49 | 54,738 | 3,129.0** |
| <i>Carl Miller</i> | | | | | |
| | GrH | Jan. '33 | 7y | 74,449 | 3,028.8* |

CRAWFORD COUNTY—(Crawford-Venango Association)

Ellen G. Sheldon, Tester, c/o Extension Office

| | | | | | |
|--|-----|----------|----------|---------|------------|
| <i>Harry Whitman, Diamond, R. 1</i> | | | | | |
| Gospel Hill Seven Nine, 809147..... | RJ | 8-13-28 | 11y-103d | 90,034 | 4,623.3*** |
| <i>Lee L. Luce, Guys Mills, R. #4</i> | | | | | |
| Slowest..... | GrJ | 4-3-30 | 8y- | 89,458 | 4,037.4** |
| <i>Wesley G. Reitze, Meadville, R. #5</i> | | | | | |
| May Pontiac Waldorf, 2nd 1726835..... | RH | 4-24-30 | 10y-212d | 113,976 | 3,873.1** |
| <i>Merle Ongley, Centerville</i> | | | | | |
| Ongley Marathon Ornsby Soldene, 1868477..... | RH | 9-21-32 | 8y | 89,015 | 3,605.6* |
| <i>Harold L. Borland, Meadville, R. #5</i> | | | | | |
| Blonde Dairylike Annabelle, 1034939..... | RJ | 4-29-33 | 7y-137d | 51,790 | 3,454.3* |
| <i>Harold L. Borland, Meadville, R. #5</i> | | | | | |
| Dairylike Oxfords Alice, 1039561..... | RJ | 7-25-33 | 7y-129d | 55,156 | 3,364.4* |
| <i>Lloyd Smith, Star Route, Meadville</i> | | | | | |
| Queen Bessie Aagie Piebe, K17807..... | RH | 12-26-31 | 7y-324d | 89,037 | 3,144.7* |
| <i>W. R. Olsen, Cochran, R.D.</i> | | | | | |
| Jewel's Betsy Girl, 285367..... | RG | 1-31-29 | 6y-297d | 58,030 | 3,097.3* |
| (Not on test) | | | | | |

CRAWFORD COUNTY—(Titusville Association)

George E. Simpson, Tester, Box 392, Titusville, Pa.

| | | | | | |
|--|----|----------|----------|---------|-----------|
| <i>George Hummer, R.D. 2, Titusville, Pa.</i> | | | | | |
| Blonde's White Sophia, 956516..... | RJ | 11-27-29 | 10y- 63d | 83,573 | 4,424.4** |
| Son 11th Gayness, 891674..... | RJ | 4-8-29 | 10y- 61d | 73,285 | 3,877.1** |
| <i>J. M. Kelly, Titusville, Pa.</i> | | | | | |
| Buena of Audubon Farm, 286135..... | RG | 3-28-29 | 8y- 86d | 73,420 | 3,926.9* |
| Guardsman of Dundee's Belle, 417494..... | RG | 2-20-32 | 8y- 22d | 65,094 | 3,618.5* |
| Jewell's Rose Louise, 485936..... | RG | 1-12-31 | 6y | 71,109 | 3,463.4* |
| <i>Will Hasbrouck, Titusville, Pa.</i> | | | | | |
| Beets Fedora DeKol, 1480869..... | RH | 3-14-30 | 9y-331d | 125,327 | 3,898.7* |
| West Bridge Rose Ormsby, 1647353..... | RH | 10-9-32 | 7y | 83,255 | 3,588.0* |
| <i>Gerald Scouten, Spartensburg, Pa.</i> | | | | | |
| Gladys..... | GJ | 1932 | 6y- 13d | 56,143 | 3,410.7** |
| | GJ | 1928 | 6y-121d | 52,723 | 3,062.7** |
| <i>E. W. Hummer & Son, Titusville, Pa.</i> | | | | | |
| Blonde Noble Ada Queen, 1045111..... | RJ | 10-1-33 | 7y-119d | 56,577 | 3,241.9* |
| | GJ | 1929 | 9y-181d | 68,212 | 3,168.5** |
| | GJ | 1930 | 9y-166d | 54,678 | 3,017.0** |
| <i>George Matteson, Centerville, Pa.</i> | | | | | |
| | GH | 1929 | 8y-242d | 90,096 | 3,227.6** |
| <i>Will Howard, Centerville, Pa.</i> | | | | | |
| Blonde Noble Sallie, 1045110..... | RJ | 9-29-32 | 7y-123d | 50,539 | 3,027.7* |

CUMBERLAND COUNTY—(Original Association)

Mr. Fred M. Naugle, Tester, 501 West North Street, Carlisle, Pa.

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|---|-------|----------|--------------|---------|-----------|
| <i>Ivo V. Otto, Carlisle, R.D. 1</i> | | | | | |
| B. S. Bonair Hartog, 1085903 | RH | 3-5-25 | 14y-226d | 189,845 | 7,136.7** |
| B. S. Accrue Beth, 1272517 | RH | 9-7-27 | 13y | 143,320 | 5,098.5* |
| B. S. Libby Piekie, 1493074 | RH | 11-30-30 | 9y- 99d | 116,818 | 3,892.9* |
| <i>J. H. Lear, Carlisle, R.D. 5</i> | | | | | |
| Pineland Ona Segis, 1163300 | RH | 5-23-26 | 13y-304d | 196,413 | 6,811.9* |
| Ona Skinner Fayne, 1616977 | RH | 11-2-31 | 8y-329d | 90,512 | 3,502.7* |
| Lady Buttercup Hartog, 1731493 | RH | 8-22-33 | 6y-324d | 86,682 | 3,326.1* |
| <i>Methodist Home for Children, Mechanicsburg, R.D. 3</i> | | | | | |
| B. S. Westover Twinkle, 1501585 | RH | 8-18-29 | 10y-345d | 151,864 | 5,384.7* |
| <i>H. K. McCullough, Newville, R.D. 1</i> | | | | | |
| McCullough's Beauty 2nd, 297335 | RG | 9-7-27 | 11y-225d | 110,902 | 5,373.9** |
| McCullough's Nellie 2nd, 348448 | RG | 5-29-31 | 8y-319d | 78,460 | 3,828.6* |
| McCullough's Mazie, 414580 | RG | 7-26-32 | 8y- 65d | 81,963 | 3,700.5* |
| McCullough's Dot, 451319 | RG | 7-19-33 | 7y- 50d | 70,513 | 3,530.0* |
| <i>J. Norton Kruger, Carlisle</i> | | | | | |
| Masonic Home Sallie G., 108558 | RA | 7-25-27 | 11y-212d | 114,561 | 4,295.6** |
| <i>Albert F. Kost, Carlisle, R.D. 1</i> | | | | | |
| Farmside Prilly Fayne, 1432318 | RH | 8-15-29 | 9y-273d | 126,733 | 4,288.3** |
| Farmside Pauline Ormsby, 1506707 | RH | 10-5-30 | 9y-152d | 107,985 | 3,988.4* |
| <i>G. Weir Strock, Mechanicsburg, R.D. 2</i> | | | | | |
| Josey Westover Ormsby, 26348 HRA | RH | 10-1-30 | 9y- 38d | 123,710 | 4,225.8** |
| Dorcross Segis Piek, 1593548 | RH | 8-26-32 | 7y-333d | 88,146 | 3,161.1* |
| <i>A. G. Wingert, Mechanicsburg, R.D. 2</i> | | | | | |
| Copia Segis Pontiac Ormsby, 1507644 | RH | 1-18-31 | 9y-160d | 106,683 | 4,038.3** |
| Darliska Sacraistic Piebe, 1847691 | RH | 4-20-29 | 8y | 92,738 | 3,416.7* |
| Ina Haidee Ivy Ormsby, 1770676 | RH | 1-20-31 | 7y-107d | 99,473 | 3,275.7* |
| <i>Walter A. Eckert, Mechanicsburg, R.D. 1</i> | | | | | |
| Helen (tag, 87075-T Pa.) | GrG | 10y | | 75,086 | 3,962.6* |
| <i>Dewdrop of Homestead Farm, 292540</i> | | | | | |
| Gracie's Frances, 269226 | RG | 5-21-29 | 10y- 92d | 81,199 | 3,888.1* |
| White Oak Martha, 359505 | RG | 10-16-28 | 11y | 76,780 | 3,718.2** |
| White Oak Jean, 381515 | RG | 10-25-31 | 7y-307d | 71,775 | 3,588.1** |
| <i>Jesse Kurtz, Carlisle, R.D. 4</i> | | | | | |
| King Piebe of York Sunshine, Rae, 1633158 | RH | 10-7-32 | 7y-214d | 68,225 | 3,453.8* |
| | | 2-2-33 | 7y- 36d | 86,756 | 3,158.7* |

CUMBERLAND COUNTY—(Second Association)

Mr. J. Paul Shughart, Tester, Allen, Pa.

| | | | | | |
|---|-----|----------|---------|--------|-----------|
| <i>Guy L. Loy, Newville, R.D. 2</i> | | | | | |
| Black, 9943W | GrH | | 7y-243d | 89,424 | 3,598.7** |
| Sibella Garclaugh 2nd, 135210 | RA | 5-6-30 | 8y | 93,263 | 3,575.8* |
| <i>Paul C. Gible, Mechanicsburg, R.D. 1</i> | | | | | |
| Anita Segis Denver, 1786198 | RH | 6-22-34 | 6y-102d | 85,678 | 3,104.1* |
| <i>James Rinehart, Newville, R.D. 1</i> | | | | | |
| Korndyke Minnie, 1783908 | RH | 12-14-33 | 6y-178d | 90,810 | 3,036.9* |
| <i>C. A. Raudabaugh, Carlisle, R.D. 1</i> | | | | | |
| Hartog Abbekerk Lady, 1573218 | RH | 3-17-32 | 8y | 91,899 | 3,032.5* |
| <i>E. Hays Shughart, Carlisle, R.D. 1</i> | | | | | |
| Maple Spring Ormsby Abbekerk, 21994 | RH | 11-3-30 | 6y-334d | 86,215 | 3,005.8** |

DAUPHIN COUNTY—(Dauphin Association)

G. Richard Loy, Clair Hoch; Testers; c/o A. S. Frommeyer, Municipal Bldg., Hbg.

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|---|-------|----------|--------------|---------|-----------|
| <i>Harrisburg State Hospital, Harrisburg, Pa.</i> | | | | | |
| Hbg. Grace Princess Ormsby, 1349416 | RH | 3-15-29 | 11y | 157,070 | 5,033.0* |
| Hbg. Kimwar Copia Wayne, 1541040 | RH | 10-13-31 | 8y | 107,057 | 3,788.0* |
| Hbg. Great Prilly Pontiac, 1623323 | RH | 9-2-32 | 7y-138d | 118,292 | 3,547.4** |
| <i>Creator Jannels Pontiac 2nd</i> | | | | | |
| 1611711 | RH | 7-16-32 | 7y-236d | 92,912 | 3,292.2* |
| <i>Grade #B16, 23-5230</i> | GH | 9-7-32 | 7y-167d | 99,805 | 3,131.0* |
| <i>Hbg. Great Segis Korndyke, 1697225</i> | RH | 12-9-33 | 6y-109d | 92,805 | 3,051.7* |
| <i>Hershey Ind. School, Hershey, Pa.</i> | | | | | |
| Llenroc Kinigen Pride, 1629466 | RH | 9-15-27 | 9y | 138,443 | 4,578.8* |
| <i>S. B. Williams, Middletown, R.D. 1</i> | | | | | |
| Bryncoed Polly A, 970A.D.C.C. | GJ | 11-16-31 | 7y-163d | 72,480 | 3,915.2** |
| Mary Jane LaToone, 976179 | RJ | 10-5-30 | 9y-263d | 73,111 | 3,836.0* |
| Pogis Superior Martha, 1000757 | RJ | 4-28-31 | 8y-268d | 70,800 | 3,741.4** |
| Bryncoed Floss A, 967A.D.C.C. | GJ | 11-7-29 | 10y-137d | 75,791 | 3,399.9** |
| <i>Dible's Chocolate Daisy, 3rd, 899002</i> | RJ | 6-20-29 | 9y-138d | 74,335 | 3,254.0** |
| <i>Cherry Hill Lass 2nd, 952707</i> | RJ | 1-9-30 | 8y- 11d | 65,942 | 3,046.7* |

ELK COUNTY—(Elk County Association)

B. Wayne Kelly, Tester, Ridgway, Pa.

| | | | | | |
|--|----|---------|----------|---------|----------|
| <i>H. J. Gregory, St. Mary's, Penna.</i> | | | | | |
| Mead Pontiac Colantha Lass, 1347282 | RH | 3-11-29 | 11y- 86d | 121,236 | 4,470.0* |

ERIE COUNTY—(Erie County Association)

Gerald Hinkson, Tester, Union City, Penna., R.D. 1

| | | | | | |
|----------------------------------|-----|----------|----------|---------|---------|
| 47642-W Ear Tag No. | GrH | 6-?-28 | 11y- 30d | 106,085 | 4,093.1 |
| Alice Burke Pride, 1302391 | RH | 2-17-28 | 11y-253d | 103,656 | 3,862.1 |
| Lucia Pride Segis Burke, 1223383 | RH | 11-17-27 | 11y-179d | 114,591 | 3,842.3 |

FRANKLIN COUNTY—(Western Franklin Association)

Richard D. Martin, Tester, Broad Top, Pa.

| | | | | | |
|---|-----|----------|---------|--------|------------|
| Early Rose of White Hall, 255374 | RG | 12-25-27 | 8y-243d | 83,359 | 3,958.1* |
| Bones (Barn name), PA-AE59297 | GrG | 1927 | 9y- 70d | 99,759 | 3,900.1*** |
| <i>Queen of Limestone Pansy, 331495</i> | RG | 11-12-30 | 7y- 86d | 59,907 | 3,176.3* |

HUNTINGDON COUNTY—(Huntingdon County N. 1 Association)

Frank J. Hindman, Tester, Pike Street, Huntingdon

| | | | | | |
|-------------------------------------|------|----------|----------|---------|-----------|
| <i>W. C. Henderson, Petersburg</i> | | | | | |
| Mighty, Pa. 50934-K | GrSw | 6-11-27 | 10y- 67d | 112,813 | 4,347.2* |
| Polly #2, Pa. 89945-X | GrSw | 12-17-27 | 9y-282d | 99,045 | 3,810.4* |
| <i>Ray F. Brown, Mill Creek</i> | | | | | |
| Carrie #2, Pa. P74467 | GrG | 4-?-27 | 8y-180d | 73,328 | 3,946.4* |
| <i>W. H. Woolverton, Alexandria</i> | | | | | |
| Catrina of Hartslog, 357390 | RG | 11-18-31 | 8y-123d | 70,279 | 3,816.2* |
| <i>J. E. Hindman, R. 4, Tyrone</i> | | | | | |
| Catherine of Quietude, 260736 | RG | 3-11-28 | 10y-204d | 75,204 | 3,814.8* |
| Vide of Quietude, 300214 | RG | 12-9-29 | 9y-154d | 72,111 | 3,780.6** |
| Quietude's Milkmaid, 284532 | RG | 1-24-29 | 9y-151d | 78,214 | 3,691.8* |
| Quietude's Bell, 283881 | RG | 1-9-29 | 8y-232d | 72,028 | 3,471.4* |
| Floss' Fairy Queen, 268364 | RG | 7-6-28 | 7y-120d | 63,488 | 3,380.4* |
| Dina Lee of Quietude, 277511 | RG | 12-14-28 | 9y- 90d | 67,309 | 3,266.9* |
| Iva's Jewel of Quietude, 284531 | RG | 1-21-29 | 9y-304d | 66,412 | 3,067.2* |

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|---|----------|----------|--------------|---------|------------|
| <i>H. E. Grazier, Warriors Mark</i> | | | | | |
| Emma Marshall's Nell, 38919.... | RSw | 12-18-30 | 9y- 68d | 94,246 | 3,781.3* |
| Lady Marcus Mary, 35068.... | RSw | 3-9-30 | 9y- 47d | 91,008 | 3,585.8* |
| Emma W's Bess, 35066.... | RSw | 8-11-30 | 9y-182d | 95,023 | 3,491.6* |
| Juliet's Dorothy, 40620.... | RSw | 10-12-31 | 8y- 65d | 85,876 | 3,231.4* |
| Eva's Hazel, 38921.... | RSw | 7-26-31 | 8y- 22d | 89,617 | 3,224.7* |
| Morella's Bluebell, 40621.... | RSw | 11-17-31 | 8y- 47d | 80,869 | 3,212.3* |
| <i>Pennsylvania Industrial School, Huntingdon</i> | | | | | |
| P.I.R. DeKol, 1658895.... | RH | 4-25-33 | 7y- 34d | 94,519 | 3,467.8* |
| P.I.R. Lyons Inka.... | RH | 12-11-33 | 6y-195d | 100,438 | 3,054.7* |
| <i>J. E. Houck, Spruce Creek, R.D.</i> | | | | | |
| Polly of Houck Farm, 1078318.... | RJ | 7-20-33 | 6y- 73d | 62,911 | 3,320.9* |
| Princess of Houck Farm, 1319490.RJ | | 8-4-33 | 6y-185d | 60,227 | 3,150.2* |
| <i>E. G. LaPorte, Alexandria</i> | | | | | |
| #27, Pa. 94128T.... | GJ | 5-12-33 | 6y-333d | 57,436 | 3,169.5* |
| Immergran Ruth's Darling, 367370.... | RG | 11-23-31 | 8y- 15d | 58,412 | 3,122.8* |
| Fair Acres Queen Lillian, 489907 RG | | 4-13-33 | 6y-335d | 62,370 | 3,029.0* |
| INDIANA COUNTY—(Indiana No. 1 Association) | | | | | |
| Carl Johnson, Tester, Room C, Court House, Indiana, Pa. | | | | | |
| <i>Quay McMillen, Clymer, Pa., R.L.</i> | | | | | |
| Mae.... | 1/2J1/2H | 2-2-26 | 12y-353d | 108,468 | 6,591.4** |
| Oxfords Charming Princess, 869383.... | RJ | 11-9-28 | 11y-132d | 87,625 | 5,812.7* |
| <i>Torrance State Hospital, Torrance, Pa.</i> | | | | | |
| Hengerveld Segis Fayne DeKol, 1135910.... | RH | 10-2-25 | 12y-278d | 152,185 | 5,779.0** |
| Torrance Pansy Hengerveld.... | RH | 6-17-33 | 7y-199d | 117,030 | 3,711.5* |
| Torrance Pansy Belle Burke.... | RH | 8-31-32 | 7y- 48d | 101,657 | 3,648.9* |
| Torrance Johanna Pansy, 1602715.... | RH | 9-28-32 | 7y-136d | 115,312 | 3,444.5* |
| Torrance Pontiac Getati, 1602702.... | RH | 1-10-32 | 7y-156d | 99,310 | 3,420.8* |
| Torrance Pansy Belle, 1602711.... | RH | 9-8-32 | 7y-139d | 98,911 | 3,298.0* |
| Torrance Ormsby Pontiac, 1602712.... | RH | 9-13-32 | 6y-253d | 81,230 | 3,087.5** |
| Torrance Ormsby Jannek Lunde, 1689907.... | RH | 5-18-33 | 6y-220d | 91,590 | 3,043.3* |
| Torrance Ormsby Dingle, 1532115.... | RH | 9-10-31 | 7y-264d | 94,225 | 3,038.3* |
| Torrance Bossie Veldossa, 1689906.... | RH | 4-20-32 | 6y-239d | 77,457 | 3,012.2* |
| <i>Walter C. Simpson, Marion Center, Pa.</i> | | | | | |
| Pollanna.... | 1/2J1/2G | 2-2-26 | 11y-153d | 104,116 | 5,145.4** |
| <i>Clyde Houck, Clymer, Pa.</i> | | | | | |
| Bety's Peggy of Houck Farm, 859280.... | RJ | 8-22-28 | 11y | 110,729 | 5,135.2* |
| Zaharah's Sophie of Houck Farm, 888218.... | J | 4-6-29 | 10y-156d | 93,882 | 5,046.0** |
| Polly of Houck Farm.... | RJ | 7-20-33 | 5y-323d | 56,542 | 3,003.4*** |
| <i>H.W. Mumau, Clymer, Pa., R. 1</i> | | | | | |
| Tormentor Evelyn Pet, 1085616.... | RJ | 12-10-30 | 9y | 77,539 | 4,334.7* |
| <i>Indiana County Home, Indiana, Pa.</i> | | | | | |
| Indiana Co. Home Iona Ormsby, 472900.... | RH | 1-15-31 | 9y-110d | 107,513 | 4,328.9* |
| Lady Ona Charlevoix.... | RH | 2-19-30 | 10y- 19d | 114,838 | 4,160.7** |
| Indiana Co. Home Ormsby Lass, 1526276.... | RH | 7-12-31 | 7y-307d | 118,579 | 3,870.4* |
| Indiana Co. Home Blanche Wanda.... | RH | 1-10-31 | 9y | 122,201 | 3,619.6* |
| Indiana Co. Home Kimwar.... | RH | 11-8-31 | 7y-136d | 114,746 | 3,302.0* |
| Indiana Co. Home Lucy.... | RH | 12-16-31 | 7y-233d | 101,489 | 3,096.6* |

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|---|----------|----------|--------------|---------|------------|
| <i>E. G. Rice, Dixonville, Pa.</i> | | | | | |
| Interested Sophie Crony, 1070018.RJ | | 8-5-30 | 9y-150d | 80,517 | 4,004.7* |
| Pogis Gay Bonny Nell, 1095166.... | RJ | 10-22-30 | 8y-237d | 76,573 | 3,393.8** |
| <i>John S. Rankin, Indiana, Pa., R.D. 1</i> | | | | | |
| Bonnie.... | PJ | 6-5-31 | 8y-265d | 66,075 | 3,972.9* |
| <i>I. M. Speedy, Livermore, Pa.</i> | | | | | |
| Cherry.... | 7/8G1/8H | 1-21-31 | 7y-281d | 75,385 | 3,640.3*** |
| Victor's May, 338790.... | RG | 1-4-31 | 7y-334d | 72,901 | 3,257.3*** |
| <i>H. N. Hyskell, Smicksburg, Pa.</i> | | | | | |
| Blonde.... | GrG | 12-23-30 | 8y-123d | 76,927 | 3,588.5* |
| <i>Carl Walker, Marion Center, Pa.</i> | | | | | |
| Cherry Hill Polly, 1140581.... | RJ | 8-28-31 | 8y | 67,097 | 3,565.8* |
| <i>H. B. Wetzel, Marion Center, Pa.</i> | | | | | |
| Maggie.... | GrJ | 12-24-31 | 8y- 99d | 57,883 | 3,420.6* |
| <i>H. M. Travis, Smicksburg, Pa.</i> | | | | | |
| Peggy of Allen's Ford, 451639.... | RG | 9-24-32 | 7y-354d | 68,044 | 3,240.9* |
| <i>H. W. Mumau, Clymer, Pa., R. 1</i> | | | | | |
| Tormentor Girl Bess.... | RJ | 11-29-29 | 6y- 92d | 56,560 | 3,202.2*** |
| <i>W. F. Barkley, Livermore, Pa., R.D.</i> | | | | | |
| Yule-tide Goldy, 392921.... | RG | 4-8-33 | 7y- 31d | 55,449 | 3,155.3* |
| <i>C. C. Pollock, Marion Center, Pa.</i> | | | | | |
| Topnotcher's Flossy, 1131431.... | RJ | 9-17-34 | 5y-155d | 56,302 | 3,056.5* |
| INDIANA COUNTY—(Indiana No. 2 Association) | | | | | |
| Wendell Wetzel, Tester, Homer City, Pa. | | | | | |
| <i>John V. Mohney, Punxsutawney, Pa.</i> | | | | | |
| Topsy.... | GrJ | 12-21-29 | 10y-183d | 94,097 | 5,458.2* |
| Moolie.... | GrJ | 1-7-31 | 9y-137d | 89,352 | 4,797.3* |
| Spot.... | GrJ | 3-5-31 | 9y- 75d | 77,166 | 4,617.9* |
| Molly.... | GrJ | 1-27-32 | 8y-108d | 77,817 | 4,443.5* |
| Boss.... | GrJ | 8-29-32 | 7y-187d | 75,141 | 4,002.0* |
| Janet.... | GrJ | 2-26-33 | 6y-272d | 53,836 | 3,143.4* |
| <i>James Lyncy, New Florence, Pa.</i> | | | | | |
| Kate.... | GrG | 2-2-24 | 13y- 89d | 103,694 | 4,563.2** |
| Dora.... | PG | 1-13-31 | 9y-161d | 64,266 | 3,201.8* |
| Cherry of Shannons Vale, 387113 RG | | 7-6-30 | 9y- 70d | 62,316 | 3,117.2* |
| <i>Clyde McConaughy, Smicksburg, Pa.</i> | | | | | |
| Torono Option Beauty B, 98392 RJ | | 9-27-31 | 8y-102d | 89,870 | 4,530.7* |
| Elizabeth Option Oxford, 922241 RJ | | 1-11-30 | 9y-195d | 91,917 | 3,987.1* |
| <i>Henry Townsend, South Bend, Pa.</i> | | | | | |
| Dora of Meadow Brook, 201806.... | RG | 9-29-25 | 10y-211d | 96,218 | 4,437.5* |
| Pearl of Blue Grass Acres, 298099.RG | | 8-8-29 | 10y-211d | 83,511 | 4,177.3* |
| Betty of Blue Grass Acres, 411173 RG | | 8-4-31 | 8y-229d | 65,483 | 3,472.9* |
| Lady of Blue Grass Acres, 446298.RG | | 8-4-32 | 7y | 58,546 | 3,042.3* |
| <i>W. H. Wood, Shelocta, Pa.</i> | | | | | |
| Spot.... | GrH | 10-3-32 | 7y-156d | 102,845 | 3,819.7* |
| <i>J. P. Martin, Blairsville, Pa.</i> | | | | | |
| Juliet Korndyke Matador.... | RH | 6-28-27 | 7y-286d | 100,009 | 3,414.8* |
| <i>James A. Patterson, West Lebanon, Pa.</i> | | | | | |
| Clara.... | GrG | 9-10-32 | 6y-321d | 60,567 | 3,260.7*** |
| <i>Mart R. Rager, Blairsville, Pa.</i> | | | | | |
| Sarah.... | 3/4J1/4H | 3-14-28 | 7y-310d | 64,737 | 3,253.4** |
| <i>Wm. G. Campbell, Armaugh</i> | | | | | |
| Sybils Ima Lou, 976356.... | RJ | 7-9-31 | 6y-345d | 54,383 | 3,072.2* |
| INDIANA COUNTY—(Indiana No. 3 Association) | | | | | |
| Richard Black, Tester, Marion Center, Pa. | | | | | |
| <i>J. Mack Hood, New Florence, Pa.</i> | | | | | |
| Queen Pogis Nancy, 950403.... | RJ | 9-25-30 | 8y-210d | 94,465 | 5,078.7* |
| Nancy Valentine May, 1172905.... | RJ | 9-28-33 | 6y-212d | 62,902 | 3,486.1* |
| Queen Smoky Minnie, 1066307.... | RJ | 3-29-33 | 7y-234d | 60,088 | 3,153.7* |
| Queen Smoky Betty, 1066308.... | RJ | 4-2-34 | 6y- 62d | 55,181 | 3,141.2* |

JEFFERSON COUNTY—(First Jefferson Association)

Russel Anstead, Andrew Gilmore; Testers; Brookville, Pa.

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|--|-------|----------|--------------|---------|-----------|
| <i>A. J. Bullers and Son, Brookville 1</i> | | | | | |
| Leeda Elaine of Hazen, 192304... | RG | 4-15-25 | 13y | 166,743 | 6,602.1* |
| Letty Elda of Hazen, 245119... | RG | 12-8-27 | 11y | 122,192 | 6,460.3* |
| <i>C. Howard Smith, Reynoldsville, 2</i> | | | | | |
| Annabelle of Jackson Run, 91503 | RA | 9-21-25 | 12y | 122,252 | 4,904.8* |
| <i>G. O. Schuckers, Brookville 1</i> | | | | | |
| Kimwar Annie Pontiac Lyons, 1557177... | RH | 12-9-31 | 8y | 104,662 | 3,978.1* |
| Colantha Rose Korndyke Lass, 1744046... | RH | 7-5-32 | 7y | 81,016 | 3,355.8* |
| Fern Ormsby Colantha, 2139005... | RH | 7-13-33 | 6y | 81,275 | 3,278.8* |
| <i>Iroin Dairy Farm, Big Run</i> | | | | | |
| Bell of Beachcroft, 284860... | RG | 7-1-29 | 9y | 63,827 | 3,187.5** |
| <i>Charles K. Schuckers, Brookville, 1</i> | | | | | |
| Moxie... | GrH | 12-?-31 | 7y | 88,304 | 3,430.6* |
| <i>E. E. Swineford, Reynoldsville 1</i> | | | | | |
| Arbutus Latrone, 976185... | RJ | 12-10-31 | 7y | 63,513 | 3,544.4* |
| <i>John L. Dickey, Reynoldsville 1</i> | | | | | |
| Apple Bud's Royal Queene, 334693... | RG | 1-2-30 | 9y | 66,337 | 3,512.7* |

JUNIATA COUNTY—(Juniata Association)

Delmar L. Brofee, Tester, c/o D. R. Pheasant, Mifflintown, Pa.

| | | | | | |
|---|----|----------|---------|---------|-----------|
| <i>K. I. Gray & Son, Honey Grove</i> | | | | | |
| Laurel Run Ormsby Abbekerk, 1288706... | RH | 2-3-28 | 12y | 141,732 | 4,925.8** |
| <i>Lyman Zimmerman, Mifflin</i> | | | | | |
| Lady Korndyke Hengerveld Carrie, 1594139... | RH | 4-20-30 | 8y-190d | 121,273 | 4,010.4* |
| <i>Theorous Kauffman & Son, Mifflintown</i> | | | | | |
| Ormsby Hengerveld DeKol Segis, 1565537... | RH | 11-11-31 | 7y-131d | 114,030 | 3,946.1* |
| <i>T. Furman McClure, Port Royal</i> | | | | | |
| Abbekerk Ormsby Pledge, 1614525... | RH | 4-28-32 | 8y | 106,705 | 3,481.9** |
| Abbekerk Pontiac Jane, 1563549... | RH | 10-21-31 | 8y | 106,422 | 3,411.9* |
| Clothilde Kate Pontiac, 1563550... | RH | 12-28-31 | 8y | 104,689 | 3,350.3* |
| Princess Bets Ormsby, 1614526... | RH | 12-28-31 | 7y-243d | 94,914 | 3,128.8** |
| <i>D. Q. Adams, Mifflintown</i> | | | | | |
| Lass Ormsby Hengerveld DeKol, 179540... | RH | 10-14-33 | 6y-235d | 86,909 | 3,453.0* |
| <i>Holmes E. Groninger, Port Royal</i> | | | | | |
| Abbekerk Beloit Lyons, 37744... | RH | 3-?-32 | 8y-176d | 89,701 | 3,257.8* |
| <i>Lady Changeling Dulcevesta, 37746...</i> | RH | 6-14-32 | 8y-183d | 91,968 | 3,120.9* |
| Changeling Lady Contest, 35349... | RH | 8-31-31 | 8y-242d | 96,508 | 3,042.3* |
| <i>Musser & Stuck, Oakland Mills</i> | | | | | |
| Fair Meadow Netherland Ormsby, 22210... | RH | 3-5-30 | 7y-262d | 90,070 | 3,052.6* |

LACKAWANNA COUNTY—(Lackawanna Association)

Donald Hindman, Tester, Waverly, Pa.

| | | | | | |
|--------------------------|-----|------|---------|--------|----------|
| <i>Mrs. Vera Seamans</i> | | | | | |
| Nancy... | GrG | 1930 | 9y-363d | 90,811 | 3,917.2* |
| <i>Leonard Hertneck</i> | | | | | |
| #8... | GrH | 1930 | 10y-55d | 88,461 | 3,217.8* |
| <i>Crawford Sachse</i> | | | | | |
| Prudent Duchess Jean... | RJ | 1932 | 7y-71d | 57,347 | 3,067.8* |

LAWRENCE & BEAVER COUNTIES—(Lawrence Association)

Leroy Harringer, Tester, R. 2, Enon Valley, Pa.

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|--|-------|---------|--------------|--------|-----------|
| <i>Wm. W. McCombs, R.D. #7, Mahoningtown, Pa.</i> | | | | | |
| Major Hood's Susan, 743892... | RJ | 8-31-26 | 12y-291d | 88,972 | 4,630.6** |
| <i>N. E. Sampson & Son, R.D., Volant, Penna.</i> | | | | | |
| Sybil Shy Nancy, 1021839... | RJ | 10-1-29 | 7y-303d | 61,442 | 3,383.9** |
| <i>W. R. Fox, Enon Valley, Penna.</i> | | | | | |
| Glad Run Trixie, 429152... | RG | 9-16-31 | 6y-329d | 57,837 | 3,076.0** |

LEBANON COUNTY—(Lebanon Association)

Enos B. Heisey, Tester, R. 1, Sheridan

| | | | | | |
|--|----|----------|----------|---------|-----------|
| <i>Fairoview Farm, Cornwall</i> | | | | | |
| Spot Queen Ultra, 298461... | RG | 10-21-39 | 10y-250d | 95,939 | 5,248.1** |
| Morella Superior, 330771... | RG | 1-31-30 | 9y-182d | 90,461 | 5,154.8** |
| Duralena, 325397... | RG | 10-8-30 | 9y-98d | 107,410 | 4,893.5** |
| <i>Jacob N. Smith, R. 1, Annville</i> | | | | | |
| Ultra Milena, 276631... | RG | 11-2-28 | 11y | 111,145 | 5,010.2* |
| <i>Ammon Brubaker, R. 2, Myerstown</i> | | | | | |
| Lady Echo Korndyke Posch, 1633719... | RH | 2-15-32 | 8y-96d | 112,071 | 3,857.8* |

LEHIGH COUNTY—(Lehigh-Northampton Association)

Victor Plastow, Tester, 445 Hamilton St., Allentown, Pa.

| | | | | | |
|---|-----|----------|----------|---------|-----------|
| <i>L. A. Zimmerman, R. 2, Lehigh, Pa.</i> | | | | | |
| Spinker Pietertje, 1163448... | RH | 2-20-27 | 10y-204d | 181,300 | 6,380.6* |
| Ormsby Pansy Lady Segis... | RH | 4-21-32 | 7y-137d | 126,270 | 5,066.8* |
| Pansy Segis Ormsby Princess... | RH | 4-25-30 | 9y-50d | 132,943 | 4,984.2* |
| Jane Colantha Segis, 1663216... | RH | 11-8-32 | 7y-134d | 116,147 | 4,154.0* |
| Wesauking Jessie, 1667821... | RH | 10-19-32 | 7y-59d | 107,662 | 4,085.3* |
| Wesauking Kate, 1667824... | RH | 3-23-33 | 6y-195d | 109,271 | 3,940.7* |
| <i>Allentown State Hospital, Allentown, Pa.</i> | | | | | |
| #319... | GrH | 4-10-29 | 10y-235d | 125,784 | 4,431.8* |
| <i>Willow Brook Farms, Catasauqua, Pa.</i> | | | | | |
| Sequels Dorothy, 308920... | RG | 11-10-29 | 9y-295d | 85,919 | 4,249.2* |
| Fisherman's Ann, 290615... | RG | 4-27-29 | 10y | 81,210 | 4,069.5** |
| Fisherman's Winsome, 254483... | RG | 5-19-28 | 11y | 89,020 | 4,029.6** |
| Sequel's Winsome of W. B., 351658... | RG | 10-11-31 | 8y-54d | 70,054 | 3,619.6* |
| Fisherman's Creamcup, 345029... | RG | 5-9-31 | 8y-100d | 75,913 | 3,592.9* |
| Procriss Floradora, 369954... | RG | 7-4-32 | 7y-137d | 59,096 | 3,120.8* |
| Procriss Sally, 381431... | RG | 12-13-32 | 6y-335d | 59,472 | 3,056.1* |
| <i>Victor Handwerk, R. 1, Walnutport, Pa.</i> | | | | | |
| Belle Crest, 1466223... | RH | 4-27-30 | 9y-37d | 120,783 | 4,070.3* |
| <i>Weyhill Farms, R. 4, Bethlehem, Pa.</i> | | | | | |
| Wasteland Florence, 263799... | RG | 4-30-28 | 11y-151d | 90,914 | 4,032.2* |
| Senator's Vera, 232225... | RG | 3-1-27 | 11y-243d | 87,942 | 3,954.0* |
| Peggy of Weyhill, 334992... | RG | 9-9-30 | 8y-86d | 68,400 | 3,700.8** |
| May Creator, 1572959... | RH | 7-17-32 | 7y-164d | 98,687 | 3,148.3* |
| Araba's Peggy, 257353... | RG | 1-8-28 | 10y-151d | 64,384 | 3,103.3** |
| Fairland Dolly, 249521... | RG | 12-7-27 | 11y | 61,717 | 3,091.4* |
| <i>Gehman Dairy Farm, Inc., Macungie, Pa.</i> | | | | | |
| #96... | GrH | 7-15-31 | 6y-213d | 84,786 | 3,713.3* |
| Ormsby Veeman, 29190... | RH | 8-20-29 | 6y-286d | 94,675 | 3,368.9* |
| <i>Wm. Steigerwalt, R. 1, Lehigh, Pa.</i> | | | | | |
| Pauline Queen, 1695747... | RH | 7-31-33 | 5y-342d | 89,582 | 3,650.6* |

LYCOMING COUNTY—(Lycoming Association)

Alva R. Love, Tester, Jersey Shore

| | | | | | |
|---|----|---------|----------|---------|-----------|
| <i>S. L. Nicholson & Son, Muncy</i> | | | | | |
| Lady Burke Dutchland DeKol, 981721... | RH | 11-4-24 | 14y-348d | 152,020 | 4,955.1** |
| <i>State Industrial Home, Muncy</i> | | | | | |
| Turkey Run Ormsby, 1376797... | RH | 11-2-29 | 10y-117d | 135,806 | 4,609.9* |

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|--|-------|----------|--------------|---------|-----------|
| #44..... | GH | 5-1-31 | 8y-281d | 116,714 | 4,146.5* |
| Turkey Run Pietje Ormsby, 1541777..... | RH | 1-13-42 | 7y-230d | 117,881 | 3,723.8* |
| Turkey Run Jannek, 1565455..... | RH | 3-7-32 | 7y-194d | 119,360 | 3,609.4* |
| H. A. Snyder, Montoursville Loyalmeade Jaqueline Ormsby, 1418293..... | RH | 3-13-29 | 9y-202d | 121,993 | 4,261.3* |
| J. D. Lurger, Lairdsville Beech Bottom's Violet, 214697..... | RG | 4-27-26 | 11y-363d | 78,880 | 3,643.7* |
| Walter D. Snyder, Cogan Station Bartly Date Segis Ormsby, 1379601..... | RH | 1-23-29 | 10y- 5d | 85,791 | 3,411.3** |
| Bartly Hengerveld Ormsby 1456142..... | RH | 11-24-30 | 8y- 72d | 100,748 | 3,172.8** |

McKEAN COUNTY—(McKean County No. 1 Association)

L. A. Buchanan, Tester, Smethport, Pa.

| | | | | | |
|--|----|----------|----------|---------|-----------|
| Wahlberg Bros, Kane, Pa. Maude, 23-4005..... | GJ | 7-7-27 | 11y- 30d | 104,313 | 4,723.9* |
| George L. Carlson, Turtle Point Prilly Lady Segis Ormsby, 1825325..... | RH | 3-4-29 | 9y-279d | 123,567 | 4,013.2* |
| E. H. Sage, Red Rock Chancellor's White Beauty Bell, 97491..... | RA | 4-28-26 | 11y-335d | 101,692 | 3,992.2** |
| Fleckie Statesman of Red Rock, 86325..... | RA | 12-30-22 | 11y-214d | 89,364 | 3,504.7** |
| Bell Statesman of Red Rock, 124811..... | RA | 10-29-29 | 10y- 77d | 86,183 | 3,159.6* |
| E. S. O'Mara, Bradford Esmay Artis Lunde, 1676480..... | RH | 3-12-31 | 8y-118d | 99,811 | 3,670.4* |
| The King's Farm, Ludlow, Pa. Sparta's Edna May, 429014..... | RG | 7-2-32 | 7y | 70,442 | 3,449.3* |
| Cherub of Barberry Heights, 314637..... | RG | 4-17-30 | 7y | 68,610 | 3,259.3* |
| Kirkman Farms, Turtle Point Scott, D59859..... | GH | 4-10-29 | 9y | 90,035 | 3,331.0* |
| Lady Segis Ormsby Fobes Prilly, 1825326..... | RH | 2-24-34 | 5y-280d | 91,552 | 3,139.1* |
| McKean County Home, Smethport Fleckie's Dora Craig, 111083..... | RA | 3-12-29 | 10y-213d | 83,744 | 3,234.6** |
| Baron's Bonnie Girl, 139620..... | RA | 2-27-32 | 7y- 61d | 76,232 | 3,222.9* |
| Ideal Farms, Kane Ideal Milk Maid, 352850..... | RG | 9-15-31 | 7y- 92d | 54,844 | 3,128.6* |
| Shadyside's Nell, 214151..... | RG | 8-15-26 | 8y-245d | 65,110 | 3,128.4** |

MERCER COUNTY—(Grove City Association)

Paul McCauslin, Tester, c/o C. H. Waha, County Agent, Mercer, Pa.

| | | | | | |
|--|----|----------|----------|---------|-----------|
| G. G. McDowell, Grove City Fanny Hortense..... | RJ | 10-22-28 | 12y | 123,819 | 6,011.6* |
| Mercer Sanitarium, Mercer Financial Clara Bow 2nd, 915102 | RJ | 1-9-30 | 9y-306d | 95,178 | 5,754.2** |
| Louise, K2156..... | PJ | 7-2-31 | 6y | 64,792 | 3,135.2* |
| W. I. Blake, Mercer Lois Sultan Marie, 802567..... | RJ | 8-22-26 | 11y-317d | 99,009 | 5,448.7* |
| Mill Run Dairy Star, 960099..... | RJ | 12-25-30 | 9y-228d | 95,709 | 4,783.3* |
| Mill Run Red Goldie, 1235950..... | RJ | 4-12-33 | 7y- 15d | 53,431 | 3,121.1* |
| A. M. King, Mercer Majesty Pet June, 1149849..... | RJ | 6-16-28 | 11y-122d | 94,505 | 4,460.1* |
| W. D. White, Grove City Colantha Posh Axelina..... | RH | 8-12-29 | 7y | 93,131 | 4,008.2* |

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|---|-------|----------|--------------|--------|-----------|
| Albus Farm Opal Bonkine, 1704591..... | RH | 8-14-33 | 6y-223d | 94,536 | 3,195.6* |
| Walker Inky Mechthilde, 1744957..... | RH | 9-15-30 | 6y-123d | 76,213 | 3,088.6** |
| A. D. Ramsey, Volant Violet Oxford Mattie, 949409..... | RJ | 10-26-30 | 9y-175d | 71,967 | 3,991.2* |
| Bowlina Gamboge Lilly, 1243789 | RJ | 1-20-33 | 6y-221d | 66,062 | 3,609.2* |
| T. P. Campbell, Grove City Marigold of P. V. Dairy Farm..... | RG | 2-2-28 | 8y-150d | 64,584 | 3,870.4* |
| L. M. Cummings, Mercer Meadow Spring's Lauretta, 1082332..... | RJ | 8-26-33 | 7y- 42d | 68,916 | 3,545.7* |
| D. G. Grace, Grove City Pinecrest Tycoon Midge..... | RJ | 10-20-30 | 8y | 58,835 | 3,514.7* |
| C. R. Little & Sons, Jackson Center Peg, G78334..... | GJ | 6-5-32 | 8y- 18d | 60,418 | 3,245.0* |
| Roy N. Moose & Sons, Mercer Ronald Royal Goldie, 982017..... | RJ | 11-24-31 | 6y-292d | 60,673 | 3,202.4* |
| J. H. Buckley, Stoneboro Fern Pride Yellow, 1245492..... | RJ | 9-15-33 | 6y | 51,515 | 3,115.0* |
| Fern Pride Dark, 1245491..... | RJ | 6-13-32 | 6y | 48,484 | 3,058.8* |
| R. C. Henderson, Stoneboro Boss, 28101W..... | Mix. | 6-2-28 | 6y-230d | 70,614 | 3,047.3* |

MERCER COUNTY—(Mercer No. 3 Association)

Albert Wolfgang, Carolyn Brown; Testers; c/o C. H. Waha, County Agent, Mercer, Pa.

| | | | | | |
|--|----|----------|----------|---------|-----------|
| Mercer County Home, Mercer Hengerveld Pontiac Poseh Girl, 1638706..... | RH | 10-14-29 | 10y- 39d | 137,316 | 4,866.0* |
| Wilhelm Bros., Sharon Royal Princess Wilhelmina, 359326..... | RG | 10-3-29 | 10y-184d | 94,061 | 4,421.6* |
| Nigger, G66284..... | GJ | 7-23-31 | 8y-114d | 66,272 | 3,290.4** |
| L. R. Cox, Pulaski Dots Gem of Hickory Grove, 392604..... | RG | 11-20-30 | 9y | 69,452 | 3,696.3* |

MIFFLIN COUNTY—(Mifflin No. 1 Association)

Glenn Kinsel, Tester, McVeytown, Pa.

| | | | | | |
|--|-----|--------|-----|---------|-----------|
| Samuel C. Mitchell, R.D. #2, Lewistown, Pa. Mary III..... | GrH | 2-6-30 | 10y | 117,109 | 4,398.8** |
|--|-----|--------|-----|---------|-----------|

MIFFLIN COUNTY—(Mifflin No. 2 Association)

John Nale, Ray Brown; Tester; c/o J. C. Thompson, Lewistown, Pa.

| | | | | | |
|---|----|---------|----------|---------|-----------|
| C. W. Benson, Reedsville, Pa. Lucile Kondgen Segis, 1420828..... | RH | 12-2-28 | 10y-166d | 110,041 | 3,738.0** |
|---|----|---------|----------|---------|-----------|

MONTGOMERY COUNTY—(Montgomery No. 1 Association)

Gilbert T. Hess, Testers, Norristown, Pa.

| | | | | | |
|---|----|----------|----------|---------|-----------|
| Charles F. Press, Fosters, Norristown, Pa. | | | | | |
| <i>Harvey Murphy, Norristown, R.D.</i> | | | | | |
| Spot..... | GH | | 12y-123d | 155,834 | 5,391.5** |
| Mazie..... | GH | 12-31-32 | 7y-138d | 78,447 | 3,185.0* |
| <i>H. D. Allebach, Collegeville</i> | | | | | |
| Allebach Bellwood Cornucopia, 1347743..... | RH | 8-17-27 | 12y-153d | 138,447 | 4,990.0* |
| Allebach Segis Pontiac Gidel, 1508271..... | RH | 2-11-31 | 8y-274d | 97,035 | 3,352.6* |
| <i>S. C. Burton, Maple Glen</i> | | | | | |
| Woodside's Milady, 270738..... | RG | 4-13-27 | 12y | 95,222 | 4,748.5* |
| Kelso's Cheerful, 569318..... | RG | 11-13-28 | 10y-350d | 87,169 | 4,666.4** |
| <i>Chas. Fetterman, Barto, R.D.</i> | | | | | |
| Polly Kriebelle Ormsby Van Beers, 1350967..... | RH | 8-24-28 | 11y-239d | 126,634 | 4,735.4* |

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|--|-------|----------|--------------|---------|-----------|
| Daisy Aaggie Ormsby Madrigal, 1432245 | RH | 8-7-29 | 10y-227d | 119,839 | 4,200.4* |
| Belle | GH | 3-8-30 | 9y-293d | 99,668 | 3,958.7* |
| Nancy | GG | | 8y-153d | 75,699 | 3,617.6** |
| Pauline Colantha Van Beers, 1566015 | RH | 8-18-31 | 8y-258d | 96,172 | 3,479.8* |
| Blanche Lyon's Hillcrest Champion, 1412096 | RG | 4-12-29 | 7y-189d | 89,514 | 3,349.4* |
| Fern Alcartra Korndyke De Kol 1514074 | RH | 9-3-30 | 9y | 87,009 | 3,344.1** |
| <i>Homer Schultz, Hereford</i> | | | | | |
| Korndyke Tidy Hesseltje, 1345814 | RH | 11-18-28 | 11y-61d | 104,844 | 4,109.1* |
| Tidy Hesseltje, 1572770 | RH | 10-18-30 | 8y-317d | 91,971 | 3,453.5* |
| Creamelle Hesseltje Korndyke, 1576887 | RH | 9-28-29 | 10y-64d | 94,785 | 3,387.0* |
| De Kol Rose Hesseltje, 1574219 | RH | 8-16-30 | 8y-271d | 85,118 | 3,200.3* |
| Anna Korndyke Hesseltje, 1574220 | RH | 10-13-30 | 8y-270d | 90,198 | 3,182.9* |
| <i>Mrs. Howard Bieler, East Greenville</i> | | | | | |
| Alcartra Segis Pontiac Fayne, 1409705 | RH | 4-5-29 | 10y-69d | 99,358 | 3,391.1** |
| Sylvia Aaggie Pontiac Segis, 1507661 | RH | 8-25-30 | 8y-228d | 93,807 | 3,337.9* |
| MONTGOMERY COUNTY—(Montgomery No. 2 Association) | | | | | |
| David Magill, Tester, Norristown, Pa. | | | | | |
| <i>Normandy Farms, Norristown, R.D. 3</i> | | | | | |
| Lady of Gwynedd Valley, 120416 | RA | 8-15-29 | 10y-305d | 110,040 | 4,480.9 |
| Whitpain American Rose, 130639 | RA | 1-18-31 | 9y-34d | 110,701 | 4,164.1 |
| <i>Norristown State Hospital</i> | | | | | |
| Barn Name, 1001 | GH | 11-30-30 | 9y-67d | 121,925 | 3,919.9 |
| Janet Ormsby Best, 1483656 | RH | 11-21-30 | 8y-263d | 108,618 | 3,587.3 |
| Barn Name, A-73 | GH | 3-15-32 | 8y-71d | 100,006 | 3,310.3 |
| NORTHAMPTON COUNTY—(Northampton No. 1 Association) | | | | | |
| Claude R. Shultz, Tester, Bangor, R. 2, Pa. | | | | | |
| Betty Acartra Ruh, 1275344 | RH | 10-4-27 | 11y-3d | 126,007 | 4,946.7* |
| Pearl Sylvia Ruth, 1378221 | RH | 11-30-28 | 10y-66d | 110,046 | 4,313.7** |
| Olive Echo Creator, 1433467 | RH | 8-9-29 | 10y-100d | 113,212 | 4,217.4* |
| Aaggie Valdessa Fayne Maggie, 1512431 | RH | 10-10-30 | 8y-233d | 86,962 | 3,145.3** |
| Jim | GrH:J | | 11y-122d | 101,990 | 4,304.8* |
| Gr | GrH | | 10y-153d | 114,619 | 3,940.6** |
| NORTHUMBERLAND COUNTY—(Northumberland-Snyder Association) | | | | | |
| Alvin Smith, Tester, Turbotville, R.D. 1 | | | | | |
| <i>State Colony, Selinsgrove, Pa.</i> | | | | | |
| #43 | GrH | 1927 | 10y-261d | 155,676 | 5,061.9* |
| #63 | GrH | 7-10-31 | 7y-90d | 109,491 | 4,217.4** |
| Selpco Beets Abbie Segies, 156090 | RH | 1-17-32 | 7y-99d | 103,290 | 3,842.2** |
| Selepco Homestead Posch Bess, 1701610 | RH | 7-13-33 | 7y-12d | 97,829 | 3,520.1* |
| Selepco Homestead Loyalsoch Ciebe, 1560910 | RH | 2-16-32 | 7y-214d | 82,706 | 3,065.4* |
| Selepco Homestead Hillside Della, 1757997 | RH | 3-17-34 | 5y-93d | 84,033 | 3,035.6* |
| <i>C. M. Bailey, Beavertown, Pa.</i> | | | | | |
| Diana | GrH | 1927 | 9y | 106,365 | 4,311.6* |
| <i>W. C. Gauger, Watsonstown, R.D.</i> | | | | | |
| Gaugerholm Ruby Ormsby Tweeds, 1652165 | RH | 11-31-32 | 8y-243d | 114,091 | 3,578.4* |

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|--|-------|----------|--------------|---------|-----------|
| <i>I.O.O.F. Orphanage, Sunbury</i> | | | | | |
| Rose | GrH | 3-3-31 | 7y-303d | 74,181 | 3,147.8* |
| Peggy Ormsby Echo Mabel, 1027036 | RH | 7-4-33 | 7y-334d | 94,388 | 3,141.4* |
| Artis | GrH | 3-3-32 | 7y-154d | 86,009 | 3,074.7* |
| <i>George S. Wesner, Watsonstown, Pa.</i> | | | | | |
| White Face | GrG | 1931 | 7y-243d | 72,020 | 3,079.0* |
| PERRY COUNTY—(Perry Association) | | | | | |
| Bruce E. Beaver, Tester, Wila, Penna. | | | | | |
| <i>Milmay Farm, Loysville, Penna.</i> | | | | | |
| Bess | GrH | 1-9-29 | 11y-21d | 147,952 | 4,536.7* |
| <i>Stanley Gabel, Newport, Penna.</i> | | | | | |
| Lita Konigen Pietertje, 1447136 | RH | 10-19-29 | 9y-244d | 108,200 | 3,989.9** |
| <i>George F. Rice, Blain, Penna.</i> | | | | | |
| Petty, Pa. B.A.I. M15202 | GrH | 12-6-32 | 7y-276d | 87,221 | 3,504.9* |
| <i>Homer T. Gabel, Newport, Penna.</i> | | | | | |
| Polly, 23-3203 | GrH:G | 12-29-31 | 7y | 72,537 | 3,424.3* |
| <i>Tressler Orphan Home, Loysville, Penna.</i> | | | | | |
| Orphans Home Colantha Gelsche, 1407056 | RH | 11-1-29 | 9y-305d | 99,078 | 3,026.4** |
| SCHUYLKILL COUNTY—(Schuylkill Association) | | | | | |
| Henry Lindner, Tester, Zions Grove, Pa. | | | | | |
| <i>Mrs. Maud Richards, Pottsville</i> | | | | | |
| Lathrop Oak Tobo, 1396896 | RH | 7-17-27 | 11y-289d | 153,137 | 5,318.2* |
| Cleona | GrJ | ? | 8y-182d | 64,523 | 3,781.7* |
| <i>U. E. Rhein, Pine Grove</i> | | | | | |
| Camilla You'll Do, 881594 | RJ | 1-19-29 | 11y-55d | 89,691 | 4,862.6* |
| Silk Majesty You'll Do, 919076 | RJ | 4-1-30 | y-345d | 84,734 | 4,523.3* |
| Lady Camilla, 921214 | RJ | 12-8-29 | 10y-113d | 85,655 | 4,359.1* |
| King's Cowslip Blossom, 1069778 | RJ | 7-22-33 | 6y-5d | 55,368 | 3,034.9* |
| <i>Roy Hunter, Ashland #1</i> | | | | | |
| #13 | GrH | 1924 | 11y | 117,900 | 3,948.1* |
| <i>Isaiah Heisler, Tamaqua, R.D.</i> | | | | | |
| Dairylike Camilla, 957033 | RJ | 11-28-30 | 9y-75d | 79,551 | 3,887.3* |
| <i>A. T. Riegel, Landingville</i> | | | | | |
| Lila Ona Dekol, 1349711 | H | 11-27-28 | 11y-94d | 115,785 | 3,794.1* |
| <i>Sch. Institutional Dist., Sch. Haven</i> | | | | | |
| Schuylkill Rebecca, 61404W | PAyr | 8-19-29 | 10y-47d | 84,508 | 3,506.7* |
| Schuylkill Lottie, 61408 | Ayr | 3-26-31 | 8y-296d | 75,729 | 3,010.6* |
| <i>Clarence Breiner, Tamaqua, R.D. #4</i> | | | | | |
| Pogis Golden Beauty Grace, 1037797 | RJ | 3-24-34 | 6y-19d | 64,344 | 3,357.9* |
| <i>Daniel Heisler, Tamaqua, R.D.</i> | | | | | |
| Princess Lady Dolly, 1019421 | RJ | 10-21-32 | 7y-44d | 64,698 | 3,201.4* |
| <i>Roy J. Gauker, Cressona</i> | | | | | |
| Kid | GrH | ? | 10y-63d | 79,568 | 3,149.5* |
| <i>Webster Wagner, Tamaqua, R.D.</i> | | | | | |
| Sophie | GrH | ? | 8y | 86,714 | 3,064.3* |
| SOMERSET COUNTY—(Somerset No. 1 Association) | | | | | |
| Robert E. Peck, Lester A. Lape; Testers; Somerset, Pa. | | | | | |
| <i>Meyers Brothers, Meyersdale</i> | | | | | |
| Nick's Beauty of Upland Farm | RBrSw | 10-25-26 | 11y | 122,014 | 5,072.3* |
| Nancy Lee of Upland Farm | RBrSw | 7-28-29 | 9y-350d | 117,324 | 4,991.3* |
| Julia of Upland Farm | RBrSw | 3-3-27 | 11y | 116,910 | 4,307.1** |
| Silver Bell of Upland Farm | RBrSw | 3-6-27 | 11y | 103,104 | 4,030.5* |
| Mary Lou of Upland Farm | RBrSw | 6-1-27 | 11y | 92,579 | 3,961.5* |
| Beauty Pet of Upland Farm | RBrSw | 3-12-30 | 9y-350d | 84,234 | 3,892.8* |
| Dairy B. of Upland Farm | RBrSw | 12-10-28 | 10y | 92,136 | 3,882.5* |
| <i>Menno J. Yoder, Meyersdale</i> | | | | | |
| Bess Peggy | RJ | 2-26-28 | 9y | 75,446 | 4,137.6* |

SUSQUEHANNA COUNTY—(Gelatt-So. Gibson Association)

Miss Elsbeth MacConnell, Tester, Kingsley, Penna.

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|-------------------------------------|-------|----------|--------------|---------|------------|
| <i>Curtis Allen, Nicholson, Pa.</i> | | | | | |
| Cherry, e.t. C8803..... | GG | 2-2-29 | 10y-244d | 101,531 | 4,289.5** |
| Nancy, e.t. J87507..... | GH | 12-3-32 | 7y- 91d | 93,181 | 3,776.2* |
| Cherry II, e.t. E54660..... | GG | 4-2-32 | 7y-311d | 74,873 | 3,634.3*** |
| Lineback, e.t. M55168..... | GG | 10-17-33 | 7y- 48d | 70,078 | 3,495.9** |

SUSQUEHANNA COUNTY—(Western Susquehanna No. 1 Association)

H. Mac Hindman, Tester, c/o County Agent, Montrose, Pa.

| | | | | | |
|--|----|----------|----------|---------|------------|
| <i>Floyd Hibbard, Springville, Penna.</i> | | | | | |
| Springville Berks Echo Piebe, | | | | | |
| 1776139..... | RH | 12-26-30 | 9y-129d | 134,318 | 4,308.3* |
| DeKol Pride Eeke, 1776133..... | RH | 10-3-32 | 7y- 92d | 107,013 | 3,594.1* |
| Rag Apple Dichter Pride, | | | | | |
| 1776137..... | RH | 12-17-32 | 7y-193d | 94,735 | 3,261.3* |
| <i>S. C. Birchard & Son, Birchardville, Penna.</i> | | | | | |
| Volunteer's Nicadunce, 836757..... | RJ | 4-26-28 | 12y- 8d | 69,454 | 4,129.1** |
| Majestys Dina Sayda, 890211..... | RJ | 3-15-29 | 10y-264d | 74,043 | 3,793.3*** |
| Dairylike What's Wanted, | | | | | |
| 1118933..... | RJ | 5-9-30 | 7y-267d | 59,606 | 3,422.0** |
| Spotted Vivian, 1019198..... | RJ | 11-8-29 | 9y- 31d | 60,436 | 3,278.4** |
| Little Farce, 1019201..... | RJ | 3-9-30 | 9y- 35d | 58,850 | 3,224.7*** |
| Princess Luckette, 1026815..... | RJ | 3-12-30 | 7y-237d | 52,069 | 3,154.6** |
| <i>Dr. Asa Hickok & Son, Birchardville, Penna.</i> | | | | | |
| Majesty's Merion, 884029..... | RJ | 2-2-29 | 12y | 64,562 | 3,595.1* |
| <i>Claude L. Carter & Son, Montrose, Penna.</i> | | | | | |
| Pogis Spotted Queen, 1149000..... | RJ | 3-29-30 | 9y- 61d | 59,284 | 3,562.3* |
| <i>S. R. Ellsworth, Meshoppen, Penna.</i> | | | | | |
| Countess Johanna Tweede, | | | | | |
| 1436621..... | RH | 9-10-29 | 10y | 96,022 | 3,475.5* |
| Johanna Copia King Tweede, | | | | | |
| 1436625..... | RH | 12-22-29 | 8y-246d | 132,479 | 3,146.0** |
| <i>Crystella Dairy Farm, Springville, Penna.</i> | | | | | |
| #41..... | GH | 2-2-30 | 9y-232d | 98,210 | 3,108.8* |

SUSQUEHANNA COUNTY—(Western Susquehanna No. 2 Association)

Clair Beatty, Tester, c/o County Agent, Montrose, Penna.

| | | | | | |
|--|----|---------|----------|---------|-----------|
| <i>Sarah L. Walworth, New Milford, Pa.</i> | | | | | |
| Jeane Tweede Segis Creamelle, | | | | | |
| 1354400..... | RH | 9-17-28 | 10y-355d | 118,744 | 4,162.3* |
| <i>Theron Cooley, Nicholson, Pa.</i> | | | | | |
| Julia..... | GH | 3-8-30 | 9y-198d | 108,389 | 3,768.8** |
| Bessie..... | GH | 9-21-30 | 8y | 103,447 | 3,359.1** |
| <i>Louden Hill Farm, South Montrose, Pa.</i> | | | | | |
| Overton Sensation Beauty, | | | | | |
| Ear Tag, 23E-0749..... | RH | 8-27-31 | 6y-243d | 91,693 | 3,427.7* |

TIOGA COUNTY—(Cowanessque Valley Association)

Dean E. Smith, Tester, Knoxville, Penna.

| | | | | | |
|------------------------------|-----|---------|---------|---------|-----------|
| <i>L. G. Hunt, Westfield</i> | | | | | |
| Snowflake of Maple Grove, | | | | | |
| 1318459..... | RH | 3-21-28 | 8y-175d | 107,384 | 3,852.2** |
| Bridget, L-26100..... | GrH | 4-2-33 | 6y-359d | 92,894 | 3,425.0* |

TIOGA COUNTY—(Jackson Association)

Samuel Peter, Tester, Millerton, Penna.

| | | | | | |
|---------------------------------------|----|----------|---------|---------|----------|
| <i>E. N. Garrison, Millerton, Pa.</i> | | | | | |
| Superior's Victoria, 809369..... | RJ | 9-22-27 | 9y-183d | 101,384 | 5,602.6* |
| Baron Jap Madge, 949876..... | RJ | 10-21-30 | 9y- 80d | 74,743 | 4,310.8* |

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|--|-------|---------|--------------|---------|-----------|
| <i>Victor H. Hurd, Millerton, Pa.</i> | | | | | |
| Goldie Louise of Fernwood, | | | | | |
| 292942..... | RG | 5-15-29 | 10y-154d | 81,010 | 3,868.1** |
| <i>E. B. Spencer & Son, Millerton, Pa.</i> | | | | | |
| Spencercrest Ivo DeKol Peep, | | | | | |
| 1457245..... | RH | 12-9-29 | 10y- 22d | 108,006 | 3,758.1* |

TIOGA COUNTY—(Liberty Association)

Clyde H. Wilson, Tester, Liberty, Penna.

| | | | | | |
|------------------------------------|-------|----------|----------|---------|----------|
| <i>Albert Norman, Liberty, Pa.</i> | | | | | |
| Meadowbrook Nellie Daisy, | | | | | |
| 985034..... | RJ | 11-22-28 | 13y | 101,747 | 3,715.7* |
| Meadowbrook Mary, 985033..... | RJ | 11-22-28 | 11y-304d | 96,730 | 5,492.4* |
| <i>Wilbur Brion, Liberty, Pa.</i> | | | | | |
| Marie..... | Mixed | 1933 | 6y-149d | 76,804 | 3,444.4* |
| Betsy..... | Mixed | 2-28-34 | 6y- 90d | 60,470 | 3,067.0* |

TIOGA COUNTY—(Mansfield Association)

Ellis E. Morgan, Tester, Mansfield, Pa.

| | | | | | |
|--------------------------------------|-----|----------|----------|---------|-----------|
| <i>Roy Whittaker, Covington, Pa.</i> | | | | | |
| East Brook Flossy Wayne Beets, | | | | | |
| 1247287..... | RH | 12-9-27 | 12y- 27d | 151,810 | 5,790.4* |
| East Brook Glenna Ormsby | | | | | |
| Segis, 1507423..... | RH | 10-23-30 | 8y-122d | 104,347 | 3,804.6** |
| <i>Ernest Bolt, Covington, Pa.</i> | | | | | |
| Klesa, Eartag B18539..... | GrH | 1929 | 9y-122d | 82,018 | 3,717.7** |
| Jane Inka Harmony, 1869760..... | RH | 2-4-31 | 8y-142d | 92,918 | 3,335.6* |
| Hope, Eartag B18530..... | GrH | 12-24-30 | 8y-140d | 85,875 | 3,113.4* |

TIOGA COUNTY—(Wellsboro Association)

George W. Thompson, Tester, Wellsboro, Box 604, Pa.

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|---|-----|----------|----------|---------|-----------|
| <i>Roy S. Bowen, Wellsboro, Pa.</i> | | | | | |
| Winnie Ormsby Pontiac | | | | | |
| Finderne, 1027092..... | RH | 10-13-24 | 14y- 72d | 253,304 | 7,701.8** |
| Adequate Eva Ormsby Pontiac | | | | | |
| Posch, 1386426..... | RH | 1-18-28 | 10y-156d | 146,681 | 4,666.5* |
| Adequate Jane Pontiac Posch, | | | | | |
| 1657111..... | RH | 11-2-31 | 8y | 130,368 | 4,256.6* |
| Adequate Ethel Pontiac Posch, | | | | | |
| 1657114..... | RH | 12-21-31 | 8y | 113,832 | 3,680.7* |
| <i>Paul P. Korb, Wellsboro, Pa.</i> | | | | | |
| Ralatro Crunette, 1008215..... | RJ | 9-12-32 | 6y-266d | 89,658 | 4,764.9* |
| <i>John Grantier, Wellsboro, Pa.</i> | | | | | |
| Bess Rosie, 992030..... | RJ | 12-17-31 | 8y-230d | 84,205 | 4,496.7* |
| <i>Leon Manning, Tioga, Pa.</i> | | | | | |
| #4 (66100N)..... | GrH | 1929 | 8y-242d | 88,603 | 3,442.0** |
| <i>Joe & Harry Davis, Little Marsh, Pa.</i> | | | | | |
| Freeborne..... | PH | 1932 | 7y-182d | 90,395 | 3,055.0** |

UNION COUNTY—(Union Association)

Oscar H. Rockey, Tester, Laurelton, Pa.

| | | | | | |
|-------------------------------------|----|----------|----------|---------|------------|
| <i>W. S. Erdley, Lewisburg, Pa.</i> | | | | | |
| Johanna Netherland Ormsby | | | | | |
| Artis, 1270406..... | RH | 3-28-28 | 10y- 47d | 134,319 | 4,717.2*** |
| <i>Miles Erdley, Lewisburg, Pa.</i> | | | | | |
| Neta Pontiac Ormsby Ona, | | | | | |
| 1297697..... | RH | 11-16-28 | 10y-285d | 140,518 | 4,602.2* |
| <i>Leon Musser, Lewisburg, Pa.</i> | | | | | |
| Ollie Aaggie Floss Reliance, | | | | | |
| 1644139..... | RH | 12-20-28 | 10y-352d | 125,420 | 4,354.7* |
| Susie Homestead Ona Alcartra, | | | | | |
| 1682274..... | RH | 8-19-32 | 7y-133d | 91,506 | 3,145.7* |

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|--|-------|----------|--------------|---------|------------|
| <i>Laurelton State Village, Laurelton, Pa.</i> | | | | | |
| Thelma..... | GH | 3-17-32 | 8y- 87d | 123,374 | 4,151.2* |
| Queen Creator May, 1663080..... | RH | 9-1-33 | 6y-243d | 111,532 | 3,832.2* |
| Violet..... | GH | 10-15-33 | 6y-286d | 104,979 | 3,481.9* |
| Edna..... | GH | 1-9-34 | 6y | 92,158 | 3,101.3* |
| Netherland Creator Pontiac 2nd, 1663079..... | RH | 9-1-33 | 5y-306d | 83,546 | 3,014.1* |
| <i>David E. Voneida, Lewisburg, Pa.</i> | | | | | |
| Mary Arlene of Prince Vogel, 23488..... | RBS | 2-17-26 | 10y | 104,400 | 4,113.1*** |
| Arlene Irwin, 14483..... | RBS | 11-1-21 | 10y | 99,822 | 3,556.0*** |
| <i>R. J. Smith, Millmont, Pa.</i> | | | | | |
| Embrook Lakefield Beauty, 1657860..... | RH | 2-10-33 | 7y- 81d | 113,414 | 3,921.7* |
| Embrook Pauline Lakefield, 1657859..... | RH | 12-6-32 | 7y- 77d | 91,991 | 3,633.5* |
| <i>W. J. Erdley, Mifflinburg, Pa.</i> | | | | | |
| Segis Pontiac Friend, 1586753..... | RH | 1-16-31 | 8y-273d | 101,406 | 3,882.3** |
| <i>John S. Wehr, Mifflinburg, Pa.</i> | | | | | |
| Zeig's Flora Ensign Shaw, 1388272..... | RH | 3-14-29 | 10y-153d | 110,788 | 3,675.8** |
| Hengerveld Pontiac Fayne Piebe, 1614772..... | RH | 6-9-31 | 8y-268d | 103,700 | 3,534.3* |
| Rosechen Ormsby Homestead, 1524740..... | RH | 12-19-30 | 8y- 59d | 98,051 | 3,383.7* |
| Pietertje Piebe Ollie, 1671320..... | RH | 8-8-32 | 7y-190d | 90,278 | 3,099.7* |
| <i>A. C. Slifer, Lewisburg, Pa.</i> | | | | | |
| Piebe Ona Plum Daisy, 1640819..... | RH | 2-19-33 | 6y-258d | 95,095 | 3,525.0* |
| Fairy Ona Fayne, 1512467..... | RH | 9-21-30 | 7y | 109,138 | 3,358.7* |
| <i>Shoemaker & Cole, Vicksburg, Pa.</i> | | | | | |
| Bess..... | GH | 1929 | 8y | 95,922 | 3,371.8*** |
| <i>Mrs. Mary S. Brouse, Mifflinburg, Pa.</i> | | | | | |
| Peggy of Meadowbrook Farm, 38440..... | RBS | 7-7-30 | 8y-327d | 77,387 | 3,338.2* |
| <i>Calvin Stahl Estate, Mifflinburg, Pa.</i> | | | | | |
| Creamella Wagner Piebe, 1470830..... | RH | 8-8-29 | 9y-345d | 101,016 | 3,268.9*** |
| <i>J. S. Zeigler, Lewisburg, Pa.</i> | | | | | |
| Zeig's Boon DeKol Rage, 1647820..... | RH | 11-25-32 | 7y-145d | 84,779 | 3,211.7* |
| Zeig's Topsy Ensign Corke, 1453059..... | RH | 7-12-30 | 9y-274d | 92,260 | 3,160.3** |
| <i>J. D. Shreck Estate, Lewisburg, Pa.</i> | | | | | |
| Betsy..... | GH | 7-18-32 | 7y-322d | 89,042 | 3,188.4* |

WARREN COUNTY—(Warren Association)

Mervin C. Schuckers, Spring Creek; Michael Hummel, Pittsfield; Testers

| | | | | | |
|---|-----|----------|----------|---------|-----------|
| <i>Warren State Hospital, Warren</i> | | | | | |
| #460A..... | GrH | 12-9-28 | 11y- 30d | 167,147 | 5,539.9*x |
| Conewango Colantha Lilith Pet, 1486728..... | RH | 5-6-30 | 9y-167d | 136,958 | 5,239.9* |
| Conewango Colantha A.K.S. Beauty, 1483727..... | RH | 4-26-30 | 9y-250d | 106,974 | 4,039.2*x |
| Conewango Sensation Mary, 1553131..... | RH | 8-4-31 | 8y-136d | 111,746 | 3,823.8*x |
| #23C4131..... | GrH | 9-15-31 | 8y-131d | 108,767 | 3,764.4*x |
| #23C4140..... | GrH | 11-24-31 | 8y-140d | 107,044 | 3,721.0*x |
| #23C4122..... | GrH | 5-14-31 | 8y-207d | 109,141 | 3,679.3*x |
| #23C4136..... | GrH | 11-15-31 | 7y-299d | 107,647 | 3,661.6*x |
| <i>Mrs. A. J. Leofsky, Spring Creek</i> | | | | | |
| #23C3339..... | GrH | 7-2-29 | 9y | 100,934 | 3,660.7* |
| <i>Warren State Hospital, Warren</i> | | | | | |
| Conewango A.K.S. Colantha Pauline, 1636600..... | RH | 11-30-32 | 7y-260d | 99,584 | 3,538.4*x |

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|---|-------|----------|--------------|---------|-----------|
| #23C4109..... | GrH | 11-18-30 | 8y-296d | 96,023 | 3,525.0** |
| Conewango Sensation Buttercup, 1636607..... | RH | 10-8-32 | 7y- 41d | 101,545 | 3,516.4*x |
| Conewango A.K.S. Sadie Vale Pauline, 1617046..... | RH | 7-9-32 | 7y-188d | 103,082 | 3,367.5*x |
| Conewango Sensation A.K.S. Pet 1636615..... | RH | 11-30-32 | 7y- 38d | 96,885 | 3,365.8*x |
| Conewango Sensation Sadie Pauline, 1722584..... | RH | 7-16-33 | 6y-172d | 94,248 | 3,073.5*x |
| #23C4163..... | GrH | 8-15-32 | 7y-105d | 94,048 | 3,061.3** |

x Cows milked three times daily.

**Final record—dead.

*Still pro.

WAYNE COUNTY—(Wayne Association)

Earl Simons, Elmer Heberling, Frank Fields, John Jaquish; Testers

| | | | | | |
|--|-----|----------|----------|---------|------------|
| <i>Fairview State Hospital</i> | | | | | |
| Lathrop Star Oak Star, 1579068..... | RH | 12-22-30 | 9y-234d | 160,015 | 5,962.9* |
| <i>Russell Erk</i> | | | | | |
| Ardmore's Options Tessa, 785914 RJ | | 4-17-27 | 12y-352d | 104,005 | 5,679.1** |
| Option's Dairylike Dreamer, 920113..... | RJ | 2-21-30 | 9y-214d | 75,095 | 4,112.3** |
| <i>F. Emmett Olier</i> | | | | | |
| Joyce Ona Segis Wayne, 1733504 | RH | 9-10-26 | 12y-241d | 158,690 | 5,507.5** |
| <i>C. E. Canfield</i> | | | | | |
| Johanna Segis Clothilde Lass, 1648505..... | RH | 8-23-27 | 12y- 30d | 145,501 | 5,008.1* |
| Ormsby Inka Alcartra, 1713234..... | RH | 4-26-30 | 8y-184d | 116,658 | 4,707.1*** |
| Colantha Ona Lily, 1648507..... | RH | 10-8-31 | 8y-300d | 119,853 | 4,174.9* |
| Colantha Maid Ona Pansy, 1713243..... | RH | 5-4-31 | 9y-164d | 122,073 | 3,895.7* |
| Clothilde Clover Ona Frances..... | RH | 3-22-33 | 6y-355d | 85,980 | 3,227.5* |
| Ona De Kol Inka, 1713239..... | RH | 3-22-33 | 7y- 50d | 81,589 | 3,199.8* |
| Violet Ona Wayne Blossom, 1713246..... | RH | 10-28-32 | 7y-273d | 88,885 | 3,141.4* |
| <i>Warner Robbins</i> | | | | | |
| Chestnut Lake Pietertje Colantha, 1201401..... | RH | 1-8-27 | 11y-302d | 132,316 | 4,817.6** |
| Chestnut Lake Jewell, 1354511..... | RH | 9-1-28 | 11y-183d | 126,943 | 4,551.3* |
| Chestnut Lake Hartog Fayne, 1354514..... | RH | 10-9-28 | 11y-116d | 116,738 | 4,527.0* |
| <i>Stephen Snedeker</i> | | | | | |
| Dreamer Ransom Jewel, 1019930 | RJ | 9-12-32 | 8y | 89,633 | 4,693.3* |
| Sultan's Sybil Blossom, 986426..... | RJ | 4-16-31 | 8y | 85,131 | 4,224.6* |
| Sultan's Floss 2nd..... | GrJ | 4-10-32 | 8y | 67,962 | 4,240.0* |
| Torono Sultan's Dawn, 108539..... | RJ | 2-2-34 | 6y-209d | 57,496 | 3,489.8* |
| Darling Faith, 1085391..... | RJ | 4-2-34 | 6y-119d | 57,458 | 3,317.2* |
| <i>Walter Blum</i> | | | | | |
| Airline Fayne Vermont..... | RH | 12-10-28 | 9y-144d | 120,689 | 4,285.1* |
| <i>W. B. O'Neill</i> | | | | | |
| Daisy..... | GrH | 1926 | 12y-201d | 11,800 | 3,924.9* |
| Brindle, Jr..... | GrH | 2-17-31 | 9y-184d | 84,361 | 3,242.2* |
| <i>George Rosener</i> | | | | | |
| Jill, E.T. 6399W..... | GrJ | 9-17-31 | 7y-182d | 73,319 | 3,671.4** |
| Gamboge Princess, 984760..... | RH | 10-7-31 | 7y- 61d | 70,211 | 3,480.9** |
| <i>W. E. Rude</i> | | | | | |
| Eagle Oxford Star, 1186239..... | RJ | 9-17-31 | 9y | 67,696 | 3,651.2* |
| Warden's Jolly Doris, 766618..... | RJ | 3-4-27 | 12y-203d | 68,056 | 3,601.2* |
| <i>W. F. Hauenstein</i> | | | | | |
| Duke's Oxford Daisy, 1017237..... | RJ | 3-21-32 | 8y- 70d | 66,773 | 3,644.4* |
| Marie..... | GrH | ? | 6y-345d | 97,032 | 3,437.1* |
| Duke Queen, 101723..... | RJ | 2-4-32 | 8y-149d | 62,584 | 3,318.5** |
| Duke's Buttercup, 1017234..... | RJ | 2-16-32 | 8y-205d | 63,364 | 3,309.8* |

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|--|-------|---------|--------------|---------|-----------|
| <i>Henry A. Robinson</i> | | | | | |
| Chinille Charmer..... | RJ | 2-28-28 | 7y-306d | 61,359 | 3,381.4** |
| <i>Edward Erk</i> | | | | | |
| Dreamer's Tessa, 897690..... | RJ | 9-21-29 | 10y | 60,500 | 3,367.6* |
| <i>Chester Rickard</i> | | | | | |
| Merry Betty Segi's Korndyke, 1467003..... | RH | 2-20-30 | 10y- 81d | 105,168 | 3,334.7** |

WESTMORELAND COUNTY—(Westmoreland Association)

Lawrence Harkleroad, Earl G. Johnson, Merle D. Neely; Testers

| | | | | | |
|--|-----|----------|----------|---------|---------|
| <i>R. C. Lemon & Son, Saltsburg</i> | | | | | |
| Korndyke Cynthia, 1173063..... | RH | 12-25-26 | 11y-201d | 137,037 | 4,422.0 |
| <i>J. C. Gault, Scottsdale, R.D. 1</i> | | | | | |
| Queen Elizabeth Sweet, 1567048..... | RH | 10-23-31 | 10y-296d | 101,905 | 4,403.6 |
| Elizabeth Hengerveld Netherland, 1389093..... | RH | 1-2-29 | 13y-200d | 106,485 | 3,998.8 |
| Aaggie Butter Girl Sweet, 1567049 RH | | 10-27-31 | 9y | 98,850 | 3,304.9 |
| <i>S. W. Heath, Belle Vernon, R.D. 2</i> | | | | | |
| Irean of Heath Dale Farm, 267250..... | RG | 7-18-28 | 10y-308d | 77,913 | 4,171.5 |
| <i>St. Vincent Archabbey, Latrobe</i> | | | | | |
| Vincent Pearl Sylvia Echo, 1352867..... | RH | 1-15-28 | 11y-142d | 123,774 | 4,135.6 |
| Vincent Lois Pietertje Jewel, 1392304..... | RH | 12-29-29 | 10y-237d | 110,443 | 3,709.1 |
| #490..... | GrH | | 10y- 27d | 105,544 | 3,490.5 |
| #463..... | GrH | 2-26-29 | 10y-323d | 106,456 | 3,441.4 |
| <i>Westmoreland County Home, Greensburg</i> | | | | | |
| Westcopa Bessie Segis Ona, 1668250..... | RH | 12-17-32 | 7y- 77d | 124,966 | 4,046.2 |
| Westcopa Ormsby Bessie Fan, 1668256..... | RH | 5-23-33 | 7y- 60d | 94,208 | 3,859.8 |
| <i>F. E. Lyons, Saltsburg</i> | | | | | |
| Ruth, G57970..... | GrJ | 10-27-30 | 8y-299d | 65,283 | 3,568.8 |
| Peg..... | GrJ | 1-11-33 | 7y-199d | 56,469 | 3,368.6 |
| <i>Walter Lash, West Newton, R.D. 1</i> | | | | | |
| Mandy's Dimple, 311018..... | RG | 12-30-29 | 7y-346d | 80,693 | 3,308.8 |
| Dimple's Yvonne of Lash Farm, 370383..... | RG | 4-17-32 | 7y-300d | 81,272 | 3,260.8 |
| Mandy's Pet of Lash Farm, 403564..... | RG | 9-30-33 | 7y- 83d | 72,032 | 3,087.9 |
| <i>H. C. Waugaman, Greensburg, R.D. 4</i> | | | | | |
| Pinehard Louise Jewel Kismet, 1510475..... | RH | 7-4-31 | 8y- 4d | 90,775 | 3,141.0 |

WYOMING COUNTY—(Wyoming Association)

Charles Henry, Mehoopany; Donald Hindman, Waverly; Homer Lane, Tunkhannock Testers

| | | | | | |
|---|----|----------|----------|---------|------------|
| <i>Howard F. Brunges & Son, Tunkhannock</i> | | | | | |
| Holstein, #48321W..... | PH | 1929 | 9y- 91d | 140,089 | 4,566.3** |
| Beauty Mary Dot, 930716..... | RJ | 1930 | 8y- 92d | 66,743 | 3,075.9* |
| Yum Bess Daytonia, 962190..... | RJ | 1930 | 8y- 92d | 61,062 | 3,152.6* |
| Owlrest Sayda Pet, 982170..... | RJ | 1931 | 8y- 5d | 55,729 | 3,390.7* |
| J.M. Twinkle Starling, 647609..... | RJ | 1924 | 7y- 60d | 54,306 | 3,017.4*** |
| Bendale Lucky Lady, 977492..... | RJ | 1930 | 7y- 92d | 50,784 | 3,108.1* |
| Frances Daytonia, 979633..... | RJ | 1928 | 9y- 92d | 70,621 | 3,238.5* |
| <i>E. V. Prevost, Tunkhannock</i> | | | | | |
| Hengerveld Loyal Clothilde, 1721667..... | RH | 10-7-29 | 10y-197d | 123,741 | 4,108.1* |
| Mina Clothilde Madakerk, 1920326..... | RH | 10-21-33 | 6y-299d | 97,448 | 3,478.7* |
| Daphne Clothilde Madakerk, E.T. 17519..... | RH | 10-3-23 | 6y-277d | 89,670 | 3,024.8* |
| Loyal Ona Madakerk, 1920323..... | RH | 9-16-33 | 6y- 55d | 83,713 | 3,014.2* |

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|---|-------|----------|--------------|---------|-----------|
| <i>A. S. Hallock, Laceyville</i> | | | | | |
| Arrow Neta, 1656859..... | RH | 3-15-33 | 7y-225d | 101,905 | 3,760.9* |
| Arrow Hengerveld Nig, 1799165..... | RH | 9-21-33 | 7y- 35d | 98,722 | 3,613.1* |
| <i>Vaughn & Luce, Mehoopany</i> | | | | | |
| Oakmead Aaggie Hengerveld Wayne, 1380852..... | RH | 9-24-29 | 6y-336d | 102,218 | 3,572.6** |
| Oakmead Pietertje, 1545673..... | RH | 10-11-31 | 7y-217d | 103,036 | 3,476.3** |
| Oakmead Pietertje Maid, 1617936 RH | | 10-3-32 | 7y-243d | 97,807 | 3,386.4* |
| Oakmead Hengerveld Walker, 1617935..... | RH | 9-27-32 | 7y-243d | 89,219 | 3,157.9* |
| Oakmead Inka Pieterje, 1724558..... | RH | 9-21-33 | 6y-299d | 85,110 | 3,098.3* |
| Oakmead Isadora Walker, 1545684..... | RH | 9-12-31 | 7y- 92d | 89,985 | 3,072.9** |
| <i>Clarence Henning, Mehoopany</i> | | | | | |
| Henningstead Best Kuperus DeKol, E.T. 97970..... | RH | 10-8-32 | 7y | 88,573 | 3,052.3* |
| <i>H. C. Sharpe & Son, Mehoopany</i> | | | | | |
| Princes Aaggie Abberkerk Dairy, 1430625..... | RH | 12-3-29 | 8y | 87,567 | 3,015.9 |

YORK COUNTY—(Northern York Association)

Charles Woodward, John Messersmith; Testers; York, Pa.

| | | | | | |
|---|----|------|---------|---------|----------|
| <i>J. A. Poorbaugh Est., York #3, Pa.</i> | | | | | |
| June's Dolly Stratton, 303215..... | RG | 1929 | 8y-274d | 75,674 | 4,130.3* |
| Pearl, D-26815..... | GG | 1930 | 8y- 90d | 83,159 | 3,876.9* |
| Goldie, E-89404..... | GG | 1929 | 8y- 90d | 80,844 | 3,595.7* |
| Pansy of Cedar Grove, 393220..... | RG | 1928 | 8y- 90d | 80,133 | 3,496.0* |
| <i>W. Frank Dummer, Mt. Wolf</i> | | | | | |
| Rosie, 23-6097..... | GH | 1931 | 8y- 12d | 101,573 | 3,687.0* |

YORK COUNTY—(Southern York Association)

Robert M. Scott, Tester, Delta, Pa.

| | | | | | |
|--|-----|----------|----------|---------|---------|
| <i>Dale D. Kilgore, Woodbine</i> | | | | | |
| Polly..... | GG | 5-2-25 | 12y-312d | 96,101 | 5,296.5 |
| Dolly, F-16018..... | GG | 3-2-32 | 7y-245d | 65,120 | 3,432.2 |
| <i>Jay Bee Farms, York New Salem</i> | | | | | |
| Penshurst Charming Martha, 101250..... | RA | 12-30-26 | 9y-304d | 88,093 | 3,548.3 |
| Burnside Montie, 154832..... | RA | 11-10-29 | 9y-172d | 95,104 | 3,976.3 |
| Sylvan View Jessamay, 139213..... | RA | 5-2-30 | 7y- 53d | 75,356 | 3,327.3 |
| Keystone Della of O. F., 119388..... | RA | 1-17-29 | 8y-153d | 73,975 | 3,182.4 |
| White Rose Anna Lass, 148506..... | RA | 3-18-32 | 6y- 10d | 73,187 | 3,177.7 |
| <i>C. Everitt Richardson, Whiteford, Md.</i> | | | | | |
| Polly, 88023-W..... | GH | 1929 | 8y- 26d | 103,122 | 3,886.6 |
| Sally, A-66916..... | GH | ? | ? | 87,275 | 3,337.7 |
| <i>W. S. Grimm, Red Lion</i> | | | | | |
| Homestead DeKol Lilith, 1432413 RH | | 4-18-28 | 11y-166d | 126,471 | 3,938.4 |
| Arlene Valentine Colantha, 1337078..... | RH | 2-19-28 | 11y-166d | 131,543 | 4,929.2 |
| Adeline Orm. DeK. Piebe, 1532190..... | RH | 11-9-30 | 9y- 49d | 102,618 | 3,614.9 |
| Lady Hartog Piebe DeK., 1668380..... | RH | 7-11-32 | 7y-191d | 86,483 | 3,159.5 |
| <i>Emory M. Kilgore, Woodbine</i> | | | | | |
| Topsy, 72392-G..... | GG | 2-2-28 | 10y | 93,291 | 4,498.3 |
| <i>Dr. J. C. Atkins, Red Lion</i> | | | | | |
| Bess, 63405-P..... | GH | 1-2-27 | 9y-214d | 64,522 | 3,282.2 |
| <i>J. H. Handley, Delta</i> | | | | | |
| Roy's Omega of Swiss Meadow, 26707..... | RBS | 1-21-28 | 10y-221d | 89,501 | 3,763.1 |
| Esther Luella, 36371..... | RBS | 1-1-30 | 7y- 72d | 83,604 | 3,094.7 |

| Cow's Name and Number | Breed | Born | Yrs. on Test | Milk | Butterfat |
|--|-------|----------|--------------|---------|-----------|
| <i>Wm. J. Parlett, Woodbine</i> | | | | | |
| Bess, J-28551..... | GG | 2-15-33 | 7y-13d | 77,993 | 3,985.6 |
| Flossy, J-28554..... | GG | 3-28-33 | 6y-270d | 69,447 | 3,202.6 |
| Nellie, J-28557..... | GG | 8-19-32 | 7y- 11d | 60,193 | 3,043.0 |
| <i>Lauxmont Farms, Wrightsville</i> | | | | | |
| Colantha Rose Mooie, 1550911.... | RH | 5-15-31 | 8y-210d | 160,413 | 6,695.0 |
| Walshland Piet. Orms. 2nd, 1556127..... | RH | 11-20-28 | 10y-306d | 124,756 | 4,601.4 |
| Matador Walker Riverside G., 1389958..... | RH | 3-9-29 | 10y-327d | 128,344 | 4,677.7 |
| K. O. of Y. Sunbeam Veeman, 1505381..... | RH | 2-8-31 | 8y-238d | 101,491 | 3,597.4 |
| Piet. Ormsby H. Rose, 1506723.... | RH | 8-11-30 | 7y-277d | 88,024 | 3,553.7 |
| Piet. Ormsby Bonny, 1652031.... | RH | 10-28-32 | 6y-150d | 86,093 | 3,346.7 |
| Lauxmont Netherland Segis, 1595554..... | RH | 9-6-32 | 7y | 81,571 | 3,010.7 |
| Colantha Della Mooie Piet., 1680834..... | RH | 7-20-33 | 5y-151d | 82,532 | 3,038.7 |
| Lauxmont Ragapple Snow Countess, 1774307..... | RH | 12-17-34 | 5y- 54d | 77,814 | 3,086.6 |
| Lauxmont Prilly Fobes, 1701580.. | RH | 2-25-33 | 6y-335d | 79,051 | 3,240.9 |



Pennsylvania Bull Associations

BULL ASSOCIATION

First Armstrong County Holstein
 Berks County Guernsey No. 1
 Berks County Holstein No. 1
 Berks County Holstein No. 2
 Leraysville, Holstein
 Troy-Canton Holstein
 First Butler County Guernsey
 Second Butler County Guernsey
 First Butler County Holstein
 Fourth Butler County Holstein
 Fifth Butler County Holstein
 Triangle Jersey
 First Cambria County Guernsey
 Second Centre County Holstein
 Fourth Centre County Holstein
 First Centre County Jersey
 First Clarion County Guernsey
 Second Clarion County Guernsey
 First Clarion County Holstein
 First Clearfield County Guernsey
 Harmony Guernsey
 Second Clearfield County Holstein
 First Clearfield County Jersey
 First Clinton County Guernsey
 First Clinton County Holstein
 Second Clinton County Holstein
 Fourth Clinton County Holstein
 Sugar Valley Holstein
 Benton Guernsey
 Luco Guernsey
 First Crawford County Guernsey
 Centerville Holstein
 Hartstown, Holstein
 Northwest Crawford County Holstein
 Second Crawford County Holstein
 Conneaut Lake Jersey
 Carlisle Holstein
 First Cumberland County Holstein
 First Elk County Guernsey
 Second Elk County Guernsey
 First Elk County Holstein
 First Fayette County Guernsey
 Allegheny-Fayette Holstein
 Huntingdon County Brown Swiss
 Brushvalley Guernsey
 Elders Ridge Guernsey
 Indiana County Holstein
 Lovejoy Jersey
 Marion Center Jersey
 First Jefferson County Guernsey
 East Juniata Holstein
 West Juniata Holstein
 Lawrence-Beaver Guernsey
 Lawrence County Holstein
 Luzerne Ayrshire
 Lycoming County Guernsey
 Jersey Shore Holstein
 Lycoming County Holstein
 McKean County Circuit—First Ayrshire
 of America

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 Fred L. Taylor Pulaski, Pa.
 Waldron Frederick Conyngham, Pa.
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 J. S. Nicholson Muncy, Pa.
 Frank King Ceres, Pa.

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First McKean County Holstein
 McKean County Jersey
 First Mercer County Guernsey
 Sandy Creek Guernsey
 Third Mifflin County Holstein
 Northampton County Holstein
 Tri-County Guernsey
 First Perry County Holstein
 Second Perry County Holstein
 Coudersport Holstein
 Germania Holstein
 First Schuylkill County Holstein
 Clifford Holstein
 Montrose Holstein
 Tioga County Holstein
 Tioga County Jersey
 First Venango County Guernsey
 First Warren County Holstein
 Second Warren County Holstein
 First Wayne County Holstein
 Wayne County Jersey
 First Westmoreland County Guernsey
 Second Westmoreland County Holstein
 Lovelton Guernsey
 Tunkhannock Guernsey
 First Wyoming County Holstein
 Lake Winola Holstein
 Meshoppen Holstein
 Mountain View Holstein
 Riverview Holstein
 Stowell Holstein
 Triangle Holstein
 Union Hill Holstein
 Wyco Holstein
 First York County Guernsey
 York County Holstein
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 Loysville, Pa.
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 Germania, Pa.
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 Gillette, Pa.
 Franklin, Pa.
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 Mehoopany, Pa.
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 Laceyville, Pa.
 Mehoopany, Pa.
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 Laceyville, Pa.
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| Greenwood Dairy | Hulmeville |
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| Robert Kisner | New Hope |
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| W. H. Lewis | Perkasie |
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| Paul Longsdorf | Rushland |
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| Bucks Co. Home | Doylestown |
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| Jos. Cramer | New Hope |
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| Chadick Farm | Line Lexington |
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| Andrew Palmer | Quakertown, R. 3 |
| Marion Harper | Newtown |
| Wilmer A. Twining | Wycombe |
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| Clay C. Ruff | Slippery Rock |
| Simpson Bros. | Butler, R. 4 |
| Herbert K. Anders | Community Bldg., Butler |

CAMBRIA COUNTY

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| Webster Griffith Est. | Ebensburg |
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CARBON COUNTY

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CENTER COUNTY

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| Dr. Kenneth Hood | State College |
| R. H. Olmstead | Dairy Bldg., State College |
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| Dr. G. W. Hedlund | State College |
| Joe Nageotte | State College |
| Ira Whiteman | Oak Hall Sta. |
| E. M. Peters | Port Matilda |
| A. A. Borland | Dairy Bldg., State College |
| P. P. Henshall | 312 Hillcrest Ave., State College |

CHESTER COUNTY

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 Gates C. Gilmore, Mgr. Westtown School Fm.....Westtown
 Ludwig Lund.....P.O. Box 344, Oxford
 Hugo Poppy.....Kembsville Rd., Landenberg
 Maurice Stump.....P.O. Box 202, Oxford
 Furman H. Gyger & Son.....Kimberton
 Joseph Adkins, Jr.....Oxford, Pa., R. 2
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 L. E. Green.....Oxford
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 J. T. Shay.....573 Arch St., Meadville
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 Ellen G. Sheldon.....Meadville, R. 5
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 Willis Burke.....Meadville
 Lloyd J. Steere.....Meadville
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 A. A. Raudabaugh.....Carlisle
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 Pa. Guernsey Breeders Ass'n.....1101 Payne-Shoemaker Bldg, Harrisburg
 Bruce Dunlap.....3125 Chestnut St, Camp Hill
 G. C. Saufley.....Hershey
 R. F. Patton.....Pouch A, Harrisburg
 Warren Bucher.....Colonial Park, Box 155
 C. H. Erdman.....Elizabethville
 Samuel B. Williams.....Middletown, R. 1

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 J. E. Hartzfeld.....82 E. Main St., Uniontown
 Rex. Carter.....Ct. House, Uniontown
 J. Lewis Williams.....Ct. House, Uniontown

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 Pa. Ind. School, James Kirk, Fm. Mgr.....Huntingdon
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 Marshall Bros. (Dale Marshall).....Beyer
 Walter Simpson.....Marion Centre, R.D.
 C. C. Pollock.....Marion Centre, R.D.
 Cliff Hughes.....Rochester Mills
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 J. C. Mohny.....Smicksburg, R. 1
 H. M. Travis.....Smicksburg, R. 1
 J. M. & L. L. Steffy.....Smicksburg, R. 1

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| Carl Johnston | Ct. House, Indiana |
| W. H. Wood | Shelocta |
| Walter Ewing Est. | Saltsburg, R.D. |
| J. P. Martin | Blairsville |
| C. S. Gerhard | Blairsville, R.D. |
| Robt. Shumaker | Blairsville, R.D. |
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| E. G. Rice | Clymer, R. 1 |
| Nichol Turkey Fm. | Indiana |
| J. H. White, Fm. Supt. Co. Home | Indiana |
| I. E. Pound | Indiana, R. 2 |
| M. A. Smeltzer | NuMine |
| Paul S. McFarland | Shelocta |
| Willard Kimmel | Shelocta |
| J. Paul Kimmel | Shelocta |
| Henry Townsend | Shelocta |
| Dr. J. J. Connolly | Indiana |
| G. C. Swan | Home, R. 1 |
| Truby Beers | Livermore |
| J. B. Flenniken | Blairsville |
| Richard Black | Marion Center |
| J. S. Cornell | Blairsville |
| Carl E. Walker | Marion Center |
| H. M. Travis | Smicksburg |
| John W. Warner | Indiana |
| M. C. Stewart | Homer City, R. 1 |
| Harry O. Kimmel | Shelocta |
| Wm. S. Wetzel | Marion Center |
| H. H. Wetzel | Marion Center |

JEFFERSON COUNTY

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| O. S. Burnham & Son | Corsica |
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JUNIATA COUNTY

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| T. R. Auken | Mifflintown |
| M. L. Stitt | Port Royal |
| D. R. Pheasant | Mifflintown |

LACKAWANNA COUNTY

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| Donald Hindman | Waverly |
| T. W. McClain & Son | Moscow |

LANCASTER COUNTY

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|-------------------|-----------------------------|
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| Amos Mellinger | Strasburg |
| Harold Zercher | Strasburg |
| Jacob Houser | Lampeter |
| Ira M. Eby | Gordonville |
| Israel W. Brendle | East Earl |
| LeRoy Lapp | Gap |
| Ira Hartz | Elverson, R. 2 |
| H. K. Martin | Goodville |
| Luke W. Martin | Goodville |
| John A. Styer | East Earl |
| Abner H. Risser | Bainbridge |
| Ivan G. Martin | Ephrata |
| J. H. Brinton | Gap |
| Ezra M. Martin | Ephrata, R. 1 |
| C. Stanley Hess | Lancaster |
| Walter L. Shank | Lancaster, R. 6 |
| John H. Shirk | Litz, R. 3 |
| Harry L. Griffith | Quarryville, R. 3 |
| Earl H. Noll | Lancaster, R. 1 |
| Chas. E. Cowan | 32 Parkside Ave., Lancaster |

LAWRENCE COUNTY

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|-----------------|------------------------|
| John Greer | P.O. Bldg., New Castle |
| Ray S. Marshall | Ellwood City, R. 1 |

LEBANON COUNTY

| | |
|---------------------|----------------|
| Clair H. Gerberich | Jonestown |
| Howard B. Bomberger | Lebanon, R. 5 |
| Herman L. Bashor | Annville, R. 2 |
| Jacob N. Smith | Annville, R. 1 |

LEHIGH COUNTY

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|--------------------------|-----------|
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| Victor Plastow | Allentown |
| P. G. Lichtenwalner | Emaus |
| Timothy H. Gehman Dairy | Macungie |

LYCOMING COUNTY

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| F. M. Snyder | Cogan Station |
| A. R. Love | Jersey Shore |
| W. D. Snyder | Cogan Station |
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| Lycoming Co. Instit. Dist. | Montoursville |
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| D. K. Sloan | Muncy, R. 2 |
| H. A. Snyder | Montoursville |
| Robert H. Rumler | Williamsport, Box 487 |

LUZERNE COUNTY

| | |
|--------------------|---------------|
| Pecoras Farm Dairy | West Hazleton |
| H. B. Schooley | Dallas, R. 3 |

McKEAN COUNTY

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|-----------------|----------------|
| Walter Cox | Ludlow |
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| John W. Carlson | Port Allegheny |
| H. A. Thoren | Port Allegheny |
| L. A. Buchanan | Smethport |
| Clare Burr | Eldred |
| W. A. Ross | Smethport |

MERCER COUNTY

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| C. H. Waha | Mercer |
| Albert Wolfgang | Mercer |
| Mercer Sanitorium | Mercer |
| Wesley G. Reitze | Meadville, R. 5 |
| Harry L. Wentworth | Guys Mills, R. 3 |
| W. D. White | Grove City |
| Clifford Bowman | Carlton |
| R. Wayne Fish & Son | Carlton |
| L. L. McQueston | Sandy Lake |
| Wilhelm Bros. | Sharon, R. 2 |
| Seth A. Gaugh | Sharon, R. 2 |

MONTGOMERY COUNTY

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|------------------------|-------------------------|
| Witchwood Farms | Springhouse |
| School of Horticulture | Ambler |
| Gwynllan Farms | Gwynedd Valley |
| E. F. Stewart | Colmar |
| Frank Oehrle | Hatboro |
| R. A. Burton | Horsham |
| D. W. Winter | 16 Tyson Ave., Glenside |
| R. W. Waltz | Norristown |

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| Marion Cheston, Whitpain Farm..... | Broad Axe, Ambler |
| A. Z. Rittenhouse..... | Troxel Road, Lansdale |
| Apheus Ruth..... | Kulpsville |
| David H. Magill..... | West Point |
| Ray L. Williams, c/o Ardrossan Farms..... | Ithan |
| Wm. Pratt..... | Willow Grove |
| Frank Sharp, Far Hills Farm..... | Ambler |
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| E. P. Bechtel..... | Collegeville |
| William S. Gottshall..... | Royersford |
| E. S. Warren, Herd Mgr., Witchwood Fm..... | Springhouse |
| Samuel H. Tendler..... | 157 Laws Lane, Chestnut Hill |

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| John Melchor..... | Easton, R. 4 |
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| Claude R. Shultz..... | Bangor, R. 2 |
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| Omer Dietterich..... | Mt. Bethel |
| John Melchor..... | Easton, R. 4 |
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| Childrens Home..... | Easton |
| Chas. R. Beck..... | 55 Main St., Nazareth |
| B. L. Hindenath..... | Easton |
| James R. Kilgore..... | Northampton, R. 1 |
| W. Brooke Ball..... | Ct. House, Easton |
| Victor R. Handwerk..... | Walnut Port, R. 1 |
| Hazelbrook Farms, Mr. Szilagyi..... | Bath, R. 3 |
| Geo. W. Buss..... | Easton, R. 3 |

NORTHUMBERLAND COUNTY

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|---------------------|----------------|
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| Geo. W. Slocum..... | Milton |
| Leon Epler..... | Northumberland |

PERRY COUNTY

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|-----------------------|----------------|
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| Stanley T. Gabel..... | Newport |
| Homer T. Tabel..... | Newport |
| John K. Hall..... | Millerstown |
| Ralph L. Smith..... | Millerstown |
| Ward R. Milligan..... | Loysville |
| Dwight McMillen..... | Loysville |
| L. F. Rothrock..... | New Bloomfield |

PHILADELPHIA COUNTY

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| Samuel H. Tendler..... | Chestnut Hill, Phila. |

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| O. H. Hoffman, Jr..... | 401 N. Broad St., Phila. |
| Vincent C. Moyer, V.M.D..... | 1523 N. 26th St., Phila. |

SCHUYLKILL COUNTY

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| Jonathan Herring..... | Pine Grove, R.D. |
| Bast Brothers..... | Summit Station |
| Roy Gauker..... | Cressona |
| I. Earl Paxson..... | Schuylkill Haven, R.D. |
| Daniel Heisler..... | Tamaqua, R.D. |
| Arthur Heisler..... | Tamaqua, R.D. |
| Isaiah Heisler..... | Tamaqua, R.D. |
| Webster Wagner..... | Tamaqua, R.D. |
| Guy Reed..... | Summit Station |
| Robert Ludwig..... | Hegins |
| Edwin Schadle..... | Valley View |
| Henry Lindner..... | Zion Grove |
| Daniel Heisler..... | Tamaqua, R. 1 |
| Clarence Breiner..... | Tamaqua, R. 3 |
| Paul H. Lengel..... | Pine Grove |
| Sharp Mt. Farm, Maude Richards..... | Pottsville |
| A. T. Riegel..... | Schuylkill Haven |
| Wm. H. Schwartz, Hill Farm..... | Schuylkill Haven |
| U. E. Rhein..... | Pine Grove |

SOMERSET COUNTY

| | |
|--------------------|-----------|
| Myers Bros..... | Myersdale |
| Milton Weaver..... | Windber |

SUSQUEHANNA COUNTY

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|------------------------|-------------------|
| Curtis L. Allan..... | Nicholson |
| Louden Hill Farm..... | South Montrose |
| Allan D. Miller..... | Susquehanna |
| John D. Miller..... | Susquehanna |
| Russell S. Dayton..... | Dimock |
| Loren C. Stephens..... | Montrose, R. 1 |
| N. C. Dale..... | Montrose, R. 1 |
| Christ Schilling..... | Springville, R. 2 |

TIOGA COUNTY

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|----------------------|-----------|
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| Frank E. Snyder..... | Liberty |
| Ralph Clark..... | Knoxville |
| M. S. Brodrick..... | Mansfield |
| P. P. Korb..... | Wellsboro |
| Ford G. Smith..... | Millerton |
| Dean E. Phelps..... | Mansfield |
| Carl Hasker..... | Wellsboro |

UNION COUNTY

| | |
|----------------------|-----------|
| B. M. Fairchild..... | Lewisburg |
| L. R. Bennett..... | Lewisburg |

VENANGO COUNTY

| | |
|--|--------------------------------------|
| James D. Berry, Jr..... | Oil City, R. 1 |
| Dr. H. M. Covert..... | 501 Fair Bldg., Oil City |
| W. C. Zeiders..... | Franklin, Box 342 |
| S. S. Blauser..... | Fertigs |
| Dr. A. W. Goodwin..... | 402 Fair Bldg., Oil City |
| S. Y. Ramage, Est., c/o O. M. Sherman..... | Room B., Arlington Hotel, Oil City |
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 D. H. Morrison.....Van, R. 1
 Polk State School.....Polk

WAYNE COUNTY

James Ryan.....Waymart, R. 2
 Coccodrilli Bros.....Lake Ariel
 James E. McKeehen.....Honesdale

WESTMORELAND COUNTY

Lawrence Harkleroad.....Fed. Bldg., Greensburg
 J. S. Thurston.....228 Fed. Bldg., Greensburg
 M. D. Seely.....228 Fed. Bldg., Greensburg
 J. D. Harman, c/o W. O. Peterson.....Greensburg, R. 5
 Westmoreland Co. Home, E. A. Semanek.....Greensburg, R. 5
 J. C. Gant.....Scottsdale
 David H. Wells.....Belle Vernon, R. 2
 E. M. Cairns.....Ligonier
 Frank Henderson.....Bolivar
 Geo. Gerhard.....New Derry
 Michael Rathgeb.....Greensburg, R. 3
 Joe Keim.....Larimer
 Chas. Shrum.....Jeannette
 Walter Lash.....West Newton
 Robert Whitsell.....Salina
 H. C. Waugaman.....Greensburg, R. 4
 D. L. Saul.....Greensburg, R. 4
 W. F. Barkley.....Livermore, R. 1
 Geo. W. Kintigh.....Alverton
 J. H. Silvis, Jr.....Greensburg
 John H. Lencoski.....Latrobe, R. 2
 Leroy Campbell.....Scottsdale
 S. W. Heath.....Belle Vernon
 J. Calvin Turner.....Belle Vernon, R. 2

WYOMING COUNTY

Chas. D. Henry.....Mehoopany
 Homer E. Lane.....Tunkhannock
 E. V. Prevost.....Tunkhannock
 Clayton Sharpe.....Laceyville
 H. F. Brunges & Son.....Tunkhannock
 Clarence Henning.....Mehoopany
 Boyd Carter.....Meshoppen
 William N. Lane.....Tunkhannock
 Curtis L. Allen.....Nicholson, R. 1
 A. S. Hallock.....Laceyville
 Ben Harding.....Tunkhannock
 John J. Jaquish.....Tunkhannock
 Donald J. Arthur.....Laceyville
 M. V. Bennett.....Laceyville, R. 1
 Hobart W. Furman.....Mehoopany

YORK COUNTY

E. S. Gross.....Manchester
 Lauxmont Farms.....Wrightsville
 G. A. Burdick.....Wrightsville

OUT OF STATE

R. H. Anderson.....28 Lincoln St., Glen Ridge, N. J.
 W. W. Williams, M.D.....Springfield, Mass.
 Holstein-Friesian World.....Lacona, New York
 W. G. Donaldson.....50 W. Broad St., Columbus, Ohio
 American Dairy Cattle Club.....Chicago, Ill.
 H. S. Dodge.....Salem, Ohio
 John F. Joesting.....Bel Air, Maryland
 Chas. V. Phelps.....P.O. Box 6, South Dennis, N. J.

COMMONWEALTH OF PENNSYLVANIA

DEPARTMENT OF AGRICULTURE

Bureau of Animal Industry

AGREEMENT FOR THE PREVENTION AND CONTROL OF BANG DISEASE

(Owner)

I desire to place my entire herd of cattle under the supervision of the United States Department of Agriculture and the Pennsylvania Department of Agriculture for the Prevention and Control of Bang Disease.

It is understood and agreed that the Pennsylvania Department of Agriculture through the Bureau of Animal Industry will assist me in establishing and maintaining a Bang disease free herd.

In consideration of the assistance to be given by the Pennsylvania Department of Agriculture, I agree to maintain and promote my herd of cattle in accordance with the rules and regulations of said Departments, for the Prevention and Control of Bang Disease.

I further agree:

1. That no animals in my herd have been or will be treated at any time with any biological product containing *Brucella Abortus* (Bang disease) organisms, except upon written authorization from the Pennsylvania Bureau of Animal Industry.
2. To maintain, feed and care for my cattle under a cleanly and sanitary system of herd management with a desire to keep it free from diseases and to follow reasonable suggestions and recommendations of the said Departments for this purpose.
3. To have blood samples collected from all cattle over six months of age in my herd by a veterinarian authorized by one of the said Departments and have the blood samples tested only by the Pennsylvania Bureau of Animal Industry, and to have no cattle in the herd that are owned by employees, neighbors or outside persons or interests.
4. To have blood samples collected from my herd and retested as often as may be required by the said Departments.
5. To separate all positive animals from the negative animals on my premises as soon as the results of the test are made known to me and to remove no positive animals from my premises except upon written permission from one of the above Departments.
6. To market for slaughter, subject to the approval of the Pennsylvania Department of Agriculture, all positive animals in a manner to yield the highest financial return.
7. To thoroughly clean and disinfect stables, sheds, yards and other inclosures that have been occupied or used in connection with Bang Disease infected animals, promptly after the diseased, or positive animals have been removed.

8. To make no additions to the herd, after the date of this Agreement, except the natural progeny and cattle necessary for the maintenance of the herd, all of which cattle except the calves shall be added by and with the consent of the Department.
9. To make no additions to my herd, after the initial test, except from Bang disease negative herds under Federal-State supervision.
10. To purchase no cattle to establish a new herd, except when said cattle have been identified as having originated in Pennsylvania Bang disease free certified herds; or herds credited with one negative blood test under Federal-State supervision.
11. To waive all claim for indemnity for cattle, added to the herd that may react or be condemned when blood tested except when said added cattle can be identified as having been added to the herd from Bang disease negative herds under Federal-State supervision.
12. To keep my cattle separated in such a manner that they will not be exposed to other cattle, when exhibited at fairs or other places where livestock are congregated, except when all cattle exhibited are from Bang Disease free certified and tuberculosis free accredited herds.

My entire herd consists of the following animals:

| | Purebreds | Grades | Total |
|------------------------------------|-----------|--------|-------|
| Females under 6 months of age..... | | | |
| Males under 6 months of age..... | | | |
| Females over 6 months of age..... | | | |
| Males over 6 months of age..... | | | |
| Total..... | | | |

Breed..... I desire to have the blood collected at my expense by
Dr..... Address.....

IN WITNESS WHEREOF, I have signed this agreement, this.....day of
.....19.....

.....(Owner)

P. O. Address.....

Location of farm.....

Township.....

County.....

Witness.....

BANGS DISEASE CONTROL

PLANS FOR CALFHOOD VACCINATION

There are three plans made available by the Bureau of Animal Industry, Pennsylvania Department of Agriculture, that provide for the vaccination of calves between four (4) and eight (8) months of age and may be employed as an aid in the control of Bang's disease.

Plan "A"—This provides for calfhood vaccination as an adjunct or aid to the regular Federal-State cooperative plan with test and immediate elimination of positive reactors with indemnities.

Plan "B"—Under this plan the herd shall have an initial blood test applied; or the plan may be adopted in a herd if a retest of the herd under Federal-State supervision discloses a high percentage of positive animals.

The owner requests and is permitted to retain positive reactors in isolation under quarantine, which will be eliminated gradually under permit for slaughter purposes, without indemnities as the positive animals become unprofitable for dairy and breeding purposes. Vaccinated animals are intended for replacements in the herd and are not to be moved from premises except under permit from the proper Federal or State official.

At present or until the uniform Modified Area is modified, this plan is not permitted in herds in Modified Accredited Bang's Disease Free Areas.

Owners considering this plan should familiarize themselves with the health requirements of the milk company or the municipality where the milk might be sold or distributed.

Plan "C"—Under this plan permission is granted to vaccinate calves of accepted age, without requiring a blood test of mature animals in the herd. The mature unvaccinated animals will be disposed of under permit for slaughter purposes without indemnities as they become unprofitable and vaccinated animals have been raised as replacements. Vaccinated animals shall not be moved from the herd except under written permission from the proper Federal or State official.

The generally accepted and recommended plans provide for the use of calfhood vaccination as an aid or adjunct to methods employing the blood test herd management and sanitation which have proven to be essential in the control of Bang's disease.

Vaccination shall not be conducted until the owner has completed an agreement for the plan of vaccination he desires to adopt in his herd and until the owner's veterinarian receives written permission from the proper Federal or State cooperating official.

For further information and to obtain copies of plans, would suggest that you consult your veterinarian, District Agent in Charge, Bureau of Animal Industry, or Bureau of Animal Industry, Harrisburg, Pennsylvania.

BANG'S DISEASE CONTROL

**End of
Volume**



**CONTINUED
ON
NEXT REEL**

END OF REEL
PLEASE
REWIND

